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## The Commonwealth of Massachusetts

DEPARTMENT OF INDUSTRIAL ACCIDENTS.

Room 272, State House, Boston, April 23, 1931.

To the Honorable Senate and House of Representatives:

The Department of Industrial Accidents has the honor to transmit herewith its eighteenth annual report.

Respectfully,

### INDUSTRIAL ACCIDENT BOARD

WILLIAM W. KENNARD, *Chairman*

EMMA S. TOUSANT

JOSEPH A. PARKS

EDWARD E. CLARK

CHESTER E. GLEASON

ALFRED B. CENEDELLA

CHARLES M. STILLER

ROBERT E. GRANDFIELD, *Secretary*

## EIGHTEENTH ANNUAL REPORT

OF THE

## Department of Industrial Accidents.

### INTRODUCTION

The Department of Industrial Accidents presents herewith its eighteenth annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year beginning July 1, 1929 to June 30, 1930.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1929, shows that although there was an increase in the number of injuries reported to the Board and a corresponding increase in the number of tabulatable injuries, the percentage of tabulatable injuries decreased from 37.6 per cent in 1929 to 36.2 per cent in 1930. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was more by 62,702 days than for the previous year. This increase may be accounted for, in part, by the fact that there were 546 more tabulatable injuries than in 1929. This number includes 7 permanent totals, which are given a weighted time loss of 42,000 days, or 18,000 more than last year.

A synopsis of the subjects covered in the current report follows:

*The Eighteenth Year of the Act.*—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

*Summary of Accident Experience.*—This chapter explains the various tables found in the Appendix, with brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

*Dependency in Fatal Cases not Insured under the Act.*—This chapter deals with facts with particular reference to the condition of dependents in fatal cases where the injured employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

*Medical Division.*—A brief summary of the work of this division with some statistical data for the past year.

## EIGHTEENTH YEAR OF THE ACT

There were 170,663 accident reports filed with the Department of Industrial Accidents during the year July 1, 1929 to June 30, 1930. Of these, 61,741 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 344 of these cases, 7 involved permanent total disability, 1,179 were of a permanent partial nature, and 60,211 were temporary totals.

There was an increase in the number of reported injuries, from 160,183 in 1929 to 170,663 in 1930, and a corresponding increase in the number of tabulatable injuries, from 60,195 in 1929 to 61,741 in 1930.

The reports from insurance companies show that the payments made and to be made on account of injuries this year total \$9,861,383.09, and are classified as follows: medical, \$3,233,167.55; fatal compensation, \$1,051,211.22; and non-fatal compensation, \$5,577,004.32.

The weighted time loss charged to all injuries is 4,803,557 days, distributed as follows: death, 43.0 per cent; temporary total disability, 37.7 per cent; permanent partial disability, 18.4 per cent; and permanent total disability, .9 per cent.

There were 344 fatalities this year, a decrease of 11 cases in comparison with the year ending June 30, 1929. Total dependency was involved in 243 of these cases, 582 persons being so dependent. In 61 cases, dependency was partial, the dependents numbering 78. In the remaining 39 cases, there was no dependency. There were 309 cases or 89.8 per cent insured.

### TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED.

There were 95.7 per cent, or 59,083 of the tabulatable injuries insured and 4.3 per cent, or 2,658 cases not insured. There was a decrease of .6 per cent in the number of not insured cases in comparison with the year ending June 30, 1929.

### TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, and towns which have accepted the provisions of chapter 807, Acts of 1913. A total payment of \$9,861,383.09 is shown.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts which have accepted St. 1916, ch. 807, (now G. L., ch. 152, ss.69-75), the sum of \$335,325.79.

The average cost per tabulatable case, including compensation and medical benefits, was \$159.71, as compared with an average cost of \$157.18 for the year ending June 30, 1929. The greater part of this increase may be attributed to the fact that there were seven permanent total cases this year as compared with four cases in 1929.

### *Insurance Payments.*

TYPE OF PAYMENT.	Amount.	Per Cent.
Medical, for all cases . . . . .	\$3,233,167.55	32.8
Fatal, dependency compensation . . . . .	1,051,211.22	10.7
Non-fatal, disability compensation . . . . .	5,577,004.32	56.5
Totals . . . . .	\$9,861,383.09	100.0

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

### *Average Cost per Specified Case.*

TYPE OF PAYMENT.	Number of Cases.	Average Cost.
Medical, for all cases . . . . .	123,475	\$ 26.19
Fatal, dependency compensation . . . . .	303	3,469.34
Non-fatal, disability compensation . . . . .	38,580	144.55

TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

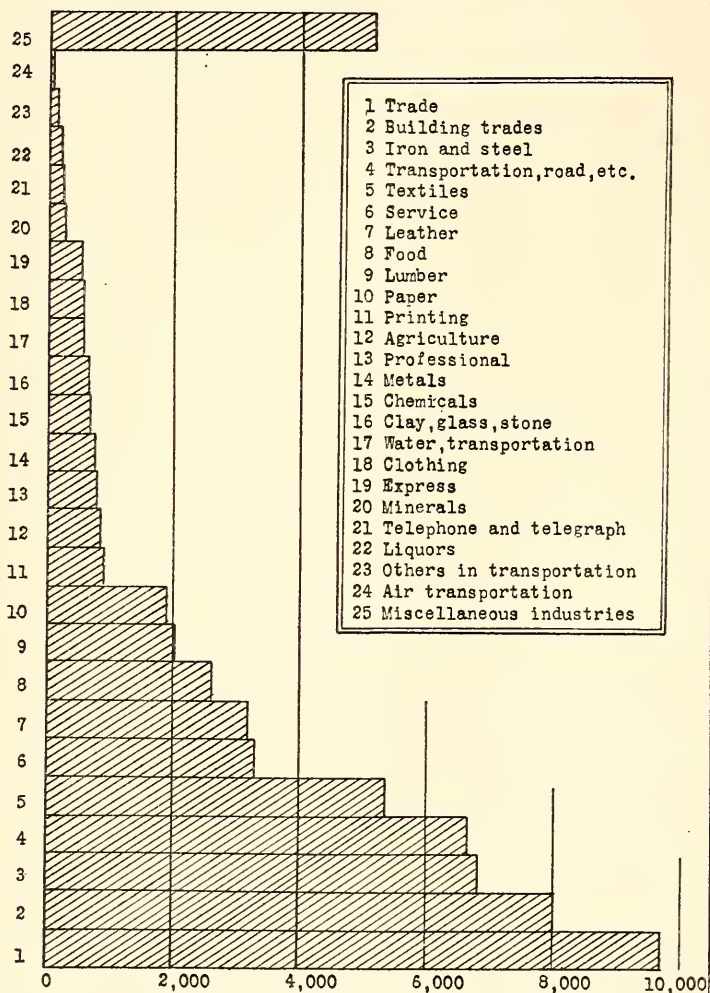
### *Extent of Total Tabulatable Injuries.*

EXTENT OF DISABILITY.	Number of Cases.	Per Cent.
Deaths . . . . .	344	.5
Permanent total disabilities . . . . .	7	.1
Permanent partial disabilities . . . . .	1,179	1.9
Temporary total disabilities . . . . .	60,211	97.5
Totals . . . . .	61,741	100.0

<sup>1</sup> Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIES

July 1, 1929 - June 30, 1930



Department of Industrial Accidents



The following table is a summary of the duration of disability in all cases in this classification:

*Duration of Temporary Total Disabilities.*

DISABILITY PERIOD.	Number of Cases.	Per Cent.
1 to 3 days . . . . .	8,586	14.3
4 to 7 days . . . . .	12,881	21.4
1 to 2 weeks . . . . .	8,241	13.7
2 to 3 weeks . . . . .	7,937	13.2
3 to 4 weeks . . . . .	5,232	8.7
4 to 8 weeks . . . . .	10,067	16.7
8 to 13 weeks . . . . .	3,814	6.3
13 to 26 weeks . . . . .	2,111	3.5
26 to 52 weeks . . . . .	1,051	1.7
Over 1 year . . . . .	291	.5
Totals . . . . .	60,211	100.0

It should be noted that in 21,467 cases, or 35.7 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

*Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution.*

INDUSTRIES.	TOTALS.		DEATHS.		PERMANENT TOTAL DISABILITIES.		PERMANENT PARTIAL DISABILITIES.		TEMPORARY TOTAL DISABILITIES.	
	Num-ber	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Trade . . . . .	9,695	15.7	41	11.9	1	14.3-	102	8.6	9,550	15.9
Building trades . . . . .	8,000	13.0	72	21.0	1	14.3-	103	8.7	7,824	13.0
Iron and steel . . . . .	6,811	11.0	27	7.9	-	-	225	19.1	6,559	10.9
Transportation, road . . . . .	6,666	10.8	64	18.6	2	28.6-	61	5.2	6,539	10.9
Textiles . . . . .	5,345	8.7	20	5.8	-	-	149	12.6	5,176	8.6
Miscellaneous . . . . .	5,132	8.3	37	10.8	2	28.6-	136	11.5	4,957	8.2
Service . . . . .	3,319	5.4	19	5.5	-	-	34	2.9	3,266	5.4
Leather . . . . .	3,180	5.1	6	1.7	-	-	59	5.0	3,115	5.2
Food . . . . .	2,615	4.2	4	1.2	-	-	45	3.8	2,566	4.3
Lumber . . . . .	2,037	3.3	7	2.0	-	-	86	7.3	1,944	3.2
Paper . . . . .	1,897	3.1	6	1.7	-	-	52	4.4	1,839	3.0
Printing, bookbinding . . . . .	893	1.4	2	.6	-	-	22	1.8	869	1.4
Agriculture . . . . .	820	1.3	6	1.7	1	14.3-	10	.9	803	1.3
Professional . . . . .	781	1.3	8	2.3	-	-	10	.9	763	1.3
Metals . . . . .	730	1.2	4	1.2	-	-	30	2.5	696	1.2
Chemicals . . . . .	684	1.1	6	1.7	-	-	12	1.0	667	1.1
Clay, glass, stone . . . . .	655	1.1	6	1.7	-	-	24	2.0	625	1.0
Water transportation . . . . .	543	.9	1	.3	-	-	2	.2	540	.9
Clothing . . . . .	540	.9	-	-	-	-	1	.1	539	.9
Express . . . . .	525	.8	2	.6	-	-	2	.2	521	.9
Minerals . . . . .	272	.4	3	.9	-	-	10	.9	259	.4
Telephone, telegraph . . . . .	244	.4	2	.6	-	-	2	.2	240	.4
Liquors . . . . .	211	.3	-	-	-	-	-	-	211	.3
Others in transportation . . . . .	137	.2	-	-	-	-	2	.2	135	.2
Air transportation . . . . .	9	-.1	1	.3	-	-	-	-	8	-.1
Totals . . . . .	61,741	100.0	344	100.0	7	100.0	1,179	100.0	60,211	100.0

*Deaths.*—Building trades had the highest number of deaths, 72, or 21.0 per cent; followed in order by transportation, road, etc., with 64, or 18.6 per cent; trade, with 41, or 11.9 per cent, and the rest as shown.

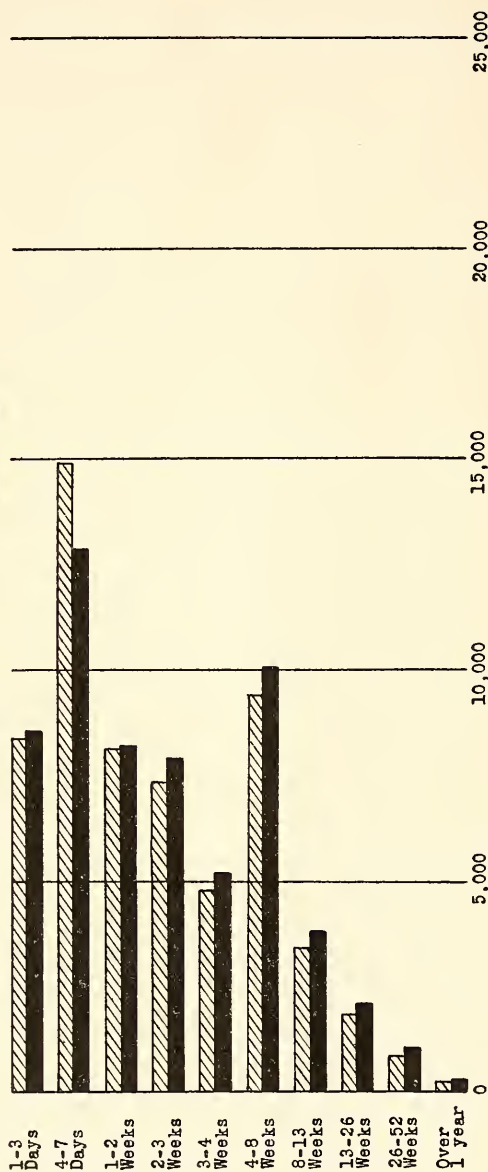
*Permanent Total Disabilities.*—There were 7 permanent total disabilities this year, distributed as follows: transportation, road, etc., 2; miscellaneous industries, 2; agriculture, 1; building trades, 1; and trade, 1.

There were 2 cases in which the employees, who had previously lost the sight of one eye, sustained injuries resulting in the loss of sight

<sup>1</sup> Less than one-tenth of one per cent.

# DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY

Comparison of year ending  
June 30, 1929 with year ending June 30, 1930



Department of Industrial Accidents



in the other. One of these employees, who was 30 years old, was struck in the eye by a stone which flew out of a stone crusher, and the other employee, 60 years old, was injured by a flying particle while chopping wood.

We also had a case in which the employee, 38 years old, while working for an electric light company, suffered electrical burns resulting in the amputation of his left arm. This man had received injuries five years ago, in which his right arm was amputated.

The permanent total disability in the building industry was to an employee, 27 years old, who fell from a ladder and broke his back, which caused paralysis of both legs.

Three of the permanent total disability cases involved men of advanced years. One of these was an employee, 69 years old, who fell off a pile of lumber and fractured both heels; another was a man, 71 years old, employed in a rubber factory, who was caught between the floor of the elevator and the elevator well, sustaining severe lacerations and shock; the third case was that of an employee, 75 years old, who received a dislocation of the fifth cervical vertebra, when he struck his head while driving a team out of the barn.

*Permanent Partial Disabilities.*—Iron and steel had the highest frequency with 225 cases or 19.1 per cent; textiles, with 149, or 12.6 per cent, and miscellaneous, with 136, or 11.5 per cent.

The original definition of this type of case included all injuries less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition. Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of this definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

*Temporary Total Disabilities.*—The frequency order of this group of injuries occurred as printed.

#### TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

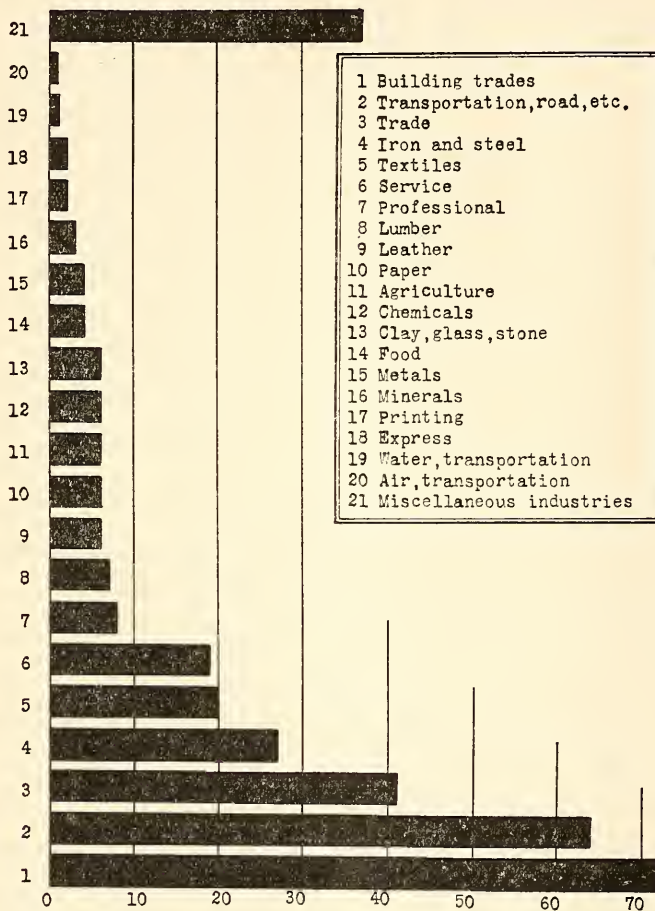
Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

# NUMBER OF FATAL INJURIES BY INDUSTRIES

July 1, 1929 - June 30, 1930



Department of Industrial Accidents

*Severity of Total Tabulatable Injuries, by Industries and Extent of Disability.*

INDUSTRIES.	Totals.	Deaths.	Per- manent Total Disabil- ities.	Per- manent Partial Disabil- ities.	Tempo- rary Total Disabil- ities.
Building trades . . . . .	834,585	432,000	6,000	89,250	307,335
Transportation, road . . . . .	665,075	384,000	12,000	63,150	205,925
Trade . . . . .	579,404	246,000	6,000	71,100	256,304
Iron and steel . . . . .	487,160	162,000	—	144,300	180,860
Miscellaneous . . . . .	485,758	222,000	12,000	105,450	146,308
Textiles . . . . .	390,115	120,000	—	103,500	166,615
Service . . . . .	239,762	114,000	—	34,950	90,812
Leather . . . . .	182,508	36,000	—	51,450	95,058
Lumber . . . . .	155,159	42,000	—	62,700	50,459
Paper . . . . .	130,501	36,000	—	42,800	51,701
Food . . . . .	121,358	24,000	—	29,700	67,658
Professional service . . . . .	77,623	48,000	—	9,450	20,173
Agriculture . . . . .	75,414	36,000	6,000	7,500	25,914
Clay, glass, stone . . . . .	72,848	36,000	—	16,800	20,048
Chemicals . . . . .	62,470	36,000	—	5,550	20,920
Metals . . . . .	57,980	24,000	—	14,400	19,580
Printing, bookbinding . . . . .	46,829	12,000	—	12,950	21,879
Minerals . . . . .	38,008	18,000	—	12,600	7,408
Express . . . . .	25,661	12,000	—	4,800	8,861
Water transportation . . . . .	23,115	6,000	—	600	16,515
Telephone and telegraph . . . . .	18,590	12,000	—	1,500	5,090
Clothing . . . . .	16,177	—	—	600	15,577
Liquors . . . . .	6,150	—	—	—	6,150
Air transportation . . . . .	6,098	6,000	—	—	98
Others in transportation . . . . .	5,209	—	—	600	4,609
Totals . . . . .	4,803,557	2,064,000	42,000	885,700	1,811,857

*Percentage Distribution of Lost Days and Average Days Per Case, by Industries.*

INDUSTRIES.	Per Cent of Total.	Average Days per Case.
Building trades . . . . .	17.4	104
Transportation, road, etc. . . . .	13.9	100
Trade . . . . .	12.1	60
Iron and steel . . . . .	10.2	71
Miscellaneous industries . . . . .	10.1	95
Textiles . . . . .	8.1	73
Service . . . . .	5.0	72
Leather . . . . .	3.8	57
Lumber . . . . .	3.2	76
Paper . . . . .	2.7	69
Food . . . . .	2.5	46
Professional service . . . . .	1.6	99
Agriculture . . . . .	1.6	92
Clay, glass and stone . . . . .	1.5	111
Chemicals . . . . .	1.3	94
Metals . . . . .	1.2	79
Printing and bookbinding . . . . .	1.0	52
Minerals . . . . .	.8	140
Express . . . . .	.5	49
Water transportation . . . . .	.5	42
Telephone and telegraph . . . . .	.4	76
Clothing . . . . .	.3	30
Liquors . . . . .	.1	29
Air transportation . . . . .	.1	677
Others in transportation . . . . .	.1	38
Totals . . . . .	100.0	78

A study of the above table indicates that the industry "air transportation" contained the injuries which were of the most severe character, the average days lost per case being 677. However, it should be noted that there were only 9 cases in this industry classification, one being a fatal for which a weighted time loss of 6,000 days is given.

The industry "others in transportation" showed an average time loss of 38 days per case as compared with 161 days per case in 1929. This decrease may be accounted for by the fact that there were 2 fatal cases in 1929 and none in 1930.

*Distributed Severity of Injuries.*

EXTENT OF DISABILITY.	Days Lost.	Per Cent.
Deaths . . . . .	2,064,000	43.0
Permanent total disabilities . . . . .	42,000	.9
Permanent partial disabilities . . . . .	885,700	18.4
Temporary total disabilities . . . . .	1,811,857	37.7
Totals . . . . .	4,803,557	100.0

The above table indicates that under the weighted system used, deaths cover 43.0 per cent of the total time loss, although only 344 out of a total of 61,741 cases were fatal.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

*Sex of Injured.*—The following table indicates that from a total of 61,741 cases, 55,906 or 90.5 per cent occurred among males and 5,835 among females. The experience by sex, according to the extent of disability is here shown.

*Extent of Injury, by Sex.*

EXTENT OF INJURY.	MALES.		FEMALES.	
	Number of Cases.	Per Cent.	Number of Cases.	Per Cent.
Deaths . . . . .	340	.6	4	.1
Permanent total disabilities . . . . .	7	.1	—	—
Permanent partial disabilities . . . . .	1,072	1.9	107	1.8
Temporary total disabilities . . . . .	54,487	97.4	5,724	98.1
Totals . . . . .	55,906	100.0	5,835	100.0

An analysis of the above table shows that males sustained 98.8 per cent of the fatal injuries, and that .6 per cent of the total injuries to them were fatal. The fatal injuries to women were .1 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

*Age.*—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

*Distribution of Total Tabulatable Injuries, by Age Periods.*

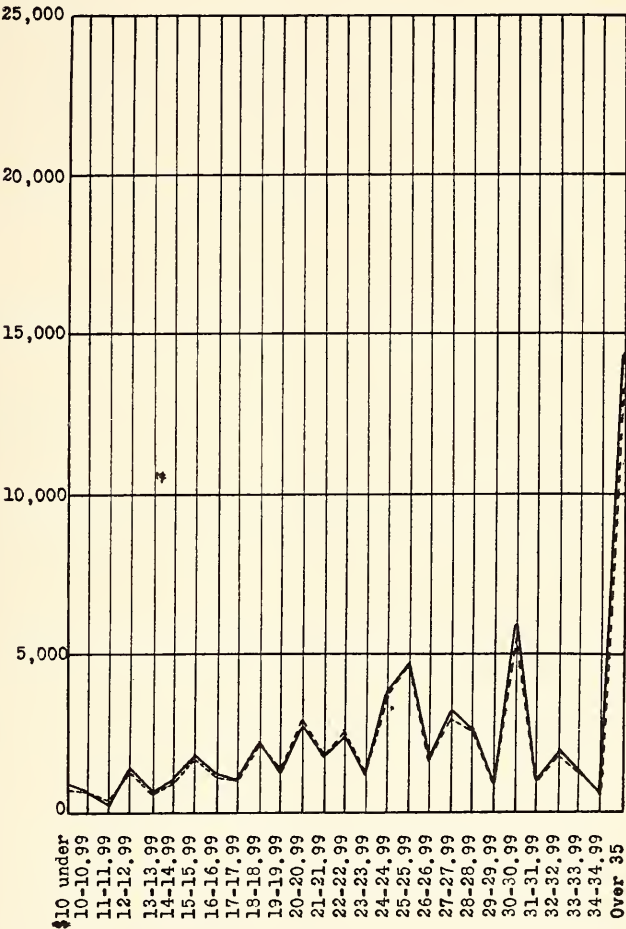
AGE PERIODS (YEARS) .	Number of Cases.	Per Cent.
14 and under . . . . .	135	.2
15 . . . . .	363	.6
16 . . . . .	943	1.5
17 . . . . .	1,283	2.1
18 . . . . .	1,823	3.0
19 . . . . .	1,752	2.8
20 to 24, inclusive . . . . .	9,841	16.0
25 to 29, inclusive . . . . .	8,472	13.7
30 to 34, inclusive . . . . .	7,652	12.4
35 to 39, inclusive . . . . .	8,068	13.1
40 to 44, inclusive . . . . .	6,238	10.1
45 to 49, inclusive . . . . .	5,185	8.4
50 to 54, inclusive . . . . .	3,980	6.4
55 to 59, inclusive . . . . .	2,669	4.3
60 to 64, inclusive . . . . .	1,828	3.0
65 and over . . . . .	1,509	2.4
Totals . . . . .	61,741	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

<sup>1</sup> Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUPS

Comparison of year ending  
June 30, 1929 with year ending June 30, 1930  
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Department of Industrial Accidents



TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

*Distribution of Tabulatable Injuries, by Wage Groups.*

WAGE GROUPS	Number of Cases.	Per Cent of Total.	Cumulative Per Cent.
Under \$10.00 . . . . .	854	1.4	1.4
\$10.00 to \$10.99 . . . . .	654	1.1	2.5
\$11.00 to \$11.99 . . . . .	332	.5	3.0
\$12.00 to \$12.99 . . . . .	1,390	2.2	5.2
\$13.00 to \$13.99 . . . . .	578	.9	6.1
\$14.00 to \$14.99 . . . . .	1,015	1.6	7.7
\$15.00 to \$15.99 . . . . .	1,773	2.9	10.6
\$16.00 to \$16.99 . . . . .	1,149	1.9	12.5
\$17.00 to \$17.99 . . . . .	970	1.6	14.1
\$18.00 to \$18.99 . . . . .	2,151	3.5	17.6
\$19.00 to \$19.99 . . . . .	1,255	2.0	19.6
\$20.00 to \$20.99 . . . . .	2,756	4.5	24.1
\$21.00 to \$21.99 . . . . .	1,770	2.9	27.0
\$22.00 to \$22.99 . . . . .	2,447	4.0	31.0
\$23.00 to \$23.99 . . . . .	1,243	2.0	33.0
\$24.00 to \$24.99 . . . . .	3,790	6.1	39.1
\$25.00 to \$25.99 . . . . .	4,651	7.5	46.6
\$26.00 to \$26.99 . . . . .	1,564	2.6	49.2
\$27.00 to \$27.99 . . . . .	3,164	5.1	54.3
\$28.00 to \$28.99 . . . . .	2,549	4.1	58.4
\$29.00 to \$29.99 . . . . .	789	1.3	59.7
\$30.00 to \$30.99 . . . . .	5,884	9.5	69.2
\$31.00 to \$31.99 . . . . .	998	1.6	70.8
\$32.00 to \$32.99 . . . . .	1,912	3.1	73.9
\$33.00 to \$33.99 . . . . .	1,272	2.1	76.0
\$34.00 to \$34.99 . . . . .	557	.9	76.9
\$35.00 and over . . . . .	14,274	23.1	100.0
Totals . . . . .	61,741	100.0	

This year as well as last, the group "\$35.00 and over", is the largest with 14,274 cases or 23.1 per cent of the total. This is 1 per cent more than for the year ending June 30, 1929.

There was an increase, from 49.4 per cent in 1929 to 50.8 per cent in 1930, in the number of cases in which the employees received the maximum weekly compensation of \$18.00 a week.

There was also a slight increase in the number of employees receiving less than \$10.00 a week, from 1.1 per cent in 1929 to 1.4 per cent in 1930.

TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY.

*Distribution of Tabulatable Injuries, by Location of Injury.*

LOCATION OF INJURY.	Number of Cases.	Per Cent.
Upper extremities . . . . .	25,709	41.7
Lower extremities . . . . .	16,510	26.7
Trunk <sup>a</sup> . . . . .	12,287	19.9
Head . . . . .	3,822	6.2
Face and neck . . . . .	1,915	3.1
Body . . . . .	1,498	2.4
Totals . . . . .	61,741	100.0

It will be observed that of a total of 61,741 injuries, 25,709, or 41.7 per cent affected the upper extremities. This is 388 cases, or 1.7 per cent less than in 1929. However, there was a corresponding increase in the number of injuries affecting the trunk and face and neck.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by the location and nature of injury, will prove of interest.



*Distribution of Tabulatable Injuries, by Location and Nature of Injury*

NATURE OF INJURY.	Head.	Face and Neck.	Trunk	Upper Extremities.	Lower Extremities.	Body.	Totals
Cuts, punctures, etc.	966	743	121	12,578	3,309	47	17,764
Sprains and strains	4	61	8,693	2,257	3,317	89	14,421
Abrasions, bruises, etc.	429	211	1,541	3,493	5,184	242	11,100
All other	1,699	204	1,170	2,632	2,008	630	8,343
Fractures	161	96	671	1,919	2,066	—	4,913
Burns and scalds	376	441	60	1,165	489	81	2,612
Occupational diseases	18	156	15	517	25	376	1,107
Amputations, etc.	95	—	—	938	52	—	1,085
Dislocations	—	3	16	210	60	—	289
Concussions	74	—	—	—	—	—	74
Electric shocks	—	—	—	—	—	33	33
Totals	3,822	1,915	12,287	25,709	16,510	1,498	61,741

## TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

*Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution.*

NATURE OF INJURY.	Totals.	Per Cent.	Deaths.	Per- manent Total Disabili- ties.	Per- manent Partial Disabili- ties.	Tem- porary Total Disabili- ties.
Cuts, punctures, etc.	17,764	28.8	28	—	2	17,734
Sprains and strains	14,421	23.4	10	—	9	14,402
Abrasions, bruises	11,100	18.0	6	—	3	11,091
All other	8,343	13.5	114	—	11	8,218
Fractures	4,913	8.0	120	3	48	4,742
Burns and scalds	2,612	4.2	22	—	3	2,587
Occupational diseases	1,107	1.8	13	—	26	1,068
Amputations, loss of use	1,085	1.6	5	4	1,076	—
Dislocations	289	.5	1	—	1	287
Concussions	74	.1	3	—	—	71
Electric shocks	33	.1	22	—	—	11
Totals	61,741	100.0	344	7	1,179	60,211

## TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

A comparison of the statistics of infections shows that there were 64 more cases than in 1929. Experience of the Board shows that in 1930 and 1929, one out of every ten tabulatable injuries resulted in an infection, as compared with one out of every eleven in 1928. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

*Infection, by Nature of Injury and Extent of Disability.*

NATURE OF INJURY.	Totals.	Deaths.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Cuts, punctures, lacerations	3,479	25	1	3,453
All other	1,324	1	2	1,321
Abrasions, bruises, contusions	907	5	—	902
Burns and scalds	153	1	—	157
Amputations, loss of use	24	—	24	—
Fractures	9	—	1	8
Sprains and strains	7	1	—	6
Dislocations	1	—	—	1
Totals	5,909	33	28	5,848

According to the above table, 5,909 cases of infections ensued from injuries. This is 9.6 per cent of the total tabulatable injuries.

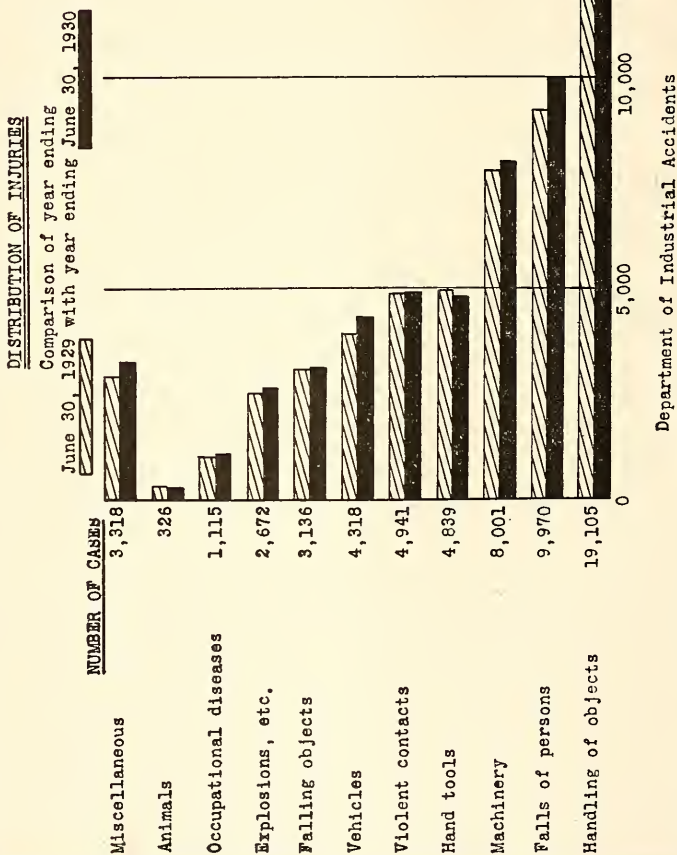


TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

The table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

*Total Tabulatable Injuries, by Cause of Injury and Extent of Disability.*

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	19,105	24	—	164	18,917
Falls of persons . . . . .	9,970	80	2	44	9,844
Machinery . . . . .	8,001	53	2	727	7,219
Stepping on or striking against objects . . . . .	4,941	6	1	13	4,921
Hand tools . . . . .	4,839	4	1	81	4,753
Vehicles . . . . .	4,318	74	—	41	4,203
Miscellaneous causes . . . . .	3,318	18	—	25	3,275
Falling objects, not handled by injured . . . . .	3,136	15	—	28	3,093
Explosions, electricity, etc. . . . .	2,672	53	1	25	2,593
Occupational diseases . . . . .	1,115	13	—	27	1,075
Animals . . . . .	326	4	—	4	318
Totals . . . . .	61,741	344	7	1,179	60,211

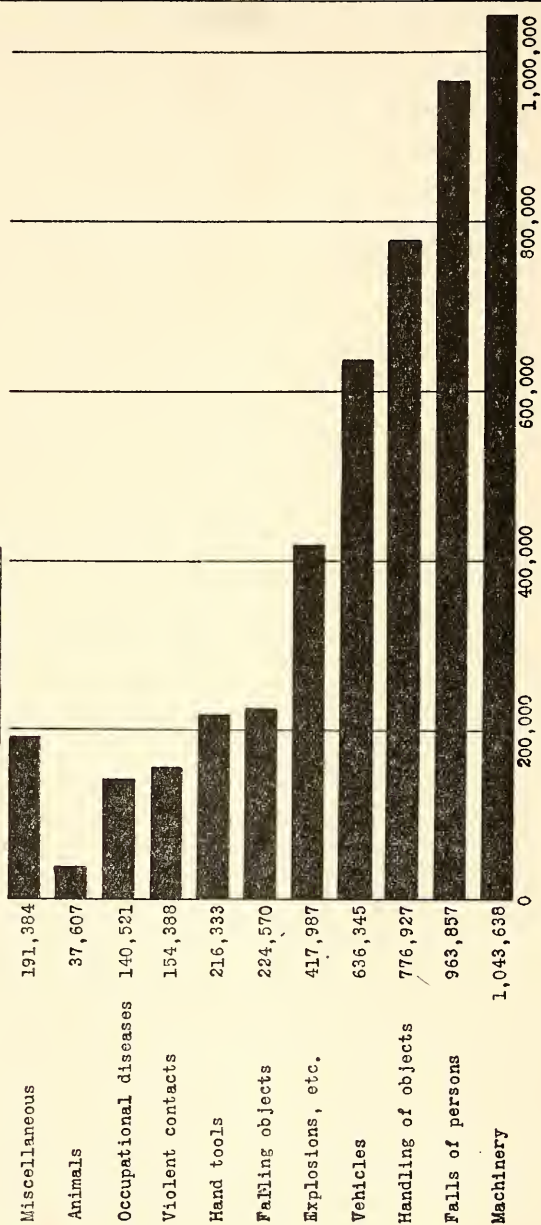
The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

*Distribution of Causes, by Per Cent.*

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	30.9	7.0	—	13.9	31.4
Falls of persons . . . . .	16.2	23.2	28.6-	3.7	16.4
Machinery . . . . .	13.0	15.4	28.6-	61.7	12.0
Stepping on or striking against objects . . . . .	8.0	1.7	14.3-	1.1	8.2
Hand tools . . . . .	7.8	1.2	14.3-	6.9	7.9
Vehicles . . . . .	7.0	21.5	—	3.5	7.0
Miscellaneous causes . . . . .	5.4	5.2	—	2.1	5.4
Falling objects, not being handled by employee . . . . .	5.1	4.4	—	2.4	5.1
Explosions, electricity, etc. . . . .	4.3	15.4	14.3-	2.1	4.3
Occupational diseases . . . . .	1.8	3.8	—	2.3	1.8
Animals . . . . .	.5	1.2	—	.3	.5
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects", with 30.9 per cent, followed by "falls of persons", with 16.2 per cent.

DURATION OF INJURIESNUMBER OF DAYS LOST

Department of Industrial Accidents

*Distribution of Causes, by Resultant Days Lost.*

CAUSE OF INJURY.	Totals.	Per Cent.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Machinery . . . . .	1,043,638	21.7	318,000	12,000	490,000	223,638
Falls of persons . . . . .	963,857	20.1	480,000	12,000	63,600	408,257
Handling of objects . . . . .	776,927	16.2	144,000	—	87,600	545,327
Vehicles . . . . .	636,345	13.2	444,000	—	43,800	148,545
Explosions, electricity . . . . .	417,987	8.7	318,000	6,000	31,350	62,637
Falling objects, not being handled by employee . . . . .	224,570	4.7	90,000	—	22,500	112,070
Hand tools . . . . .	216,333	4.5	24,000	6,000	94,650	91,683
Miscellaneous causes . . . . .	191,384	4.0	108,000	—	16,350	67,034
Stepping on or striking against objects . . . . .	154,388	3.2	36,000	6,000	15,750	96,638
Occupational diseases . . . . .	140,521	2.9	78,000	—	17,400	45,121
Animals . . . . .	37,607	.8	24,000	—	2,700	10,907
Totals . . . . .	4,803,557	100.0	2,064,000	42,000	885,700	1,811,857

As indicated above, the most serious cause of injury, as measured in terms of time lost, is machinery, with 21.7 per cent of the total. The estimated loss on this account, as shown by the above table, was 1,043,638 days.

*Average Time Loss per Case, by Principal Causes.*

CAUSE OF INJURY.	Average Days per Case.
Explosions, electricity, etc. . . . .	156
Vehicles . . . . .	147
Machinery . . . . .	130
Occupational diseases . . . . .	126
Animals . . . . .	115
Falls of persons . . . . .	97
Falling objects, not being handled by employee . . . . .	72
Miscellaneous causes . . . . .	58
Hand tools . . . . .	45
Handling of objects . . . . .	41
Stepping on or striking against objects . . . . .	31

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

*Machine Accidents, by Manner of Occurrence.*

MANNER OF OCCURRENCE.	Number of Cases.	Per Cent of Total.
Starting, stopping, or operating machine . . . . .	3,901	48.8
All other . . . . .	1,990	24.9
Flying objects . . . . .	658	8.2
Adjusting machine, tool, or work . . . . .	589	7.4
Cleaning or oiling machine . . . . .	498	6.2
Breaking of machine, tool, or work . . . . .	241	3.0
Repairing machine . . . . .	124	1.5
Totals . . . . .	8,001	100.0

Of the 8,001 machine accidents, 3,901 or 48.8 per cent occurred while "starting, stopping, or operating machine". There were 3,490 of these cases that occurred at the "point of operation".



*Machine Accidents, by Part of Machine.*

POINT OF OPERATION.	PART OF MACHINE.	Number of Cases.	Per Cent of Total.
Point of operation	.	5,191	64.9
All other.	.	2,204	27.4
Belts	.	286	3.6
Gears	.	218	2.8
Cranks and eccentrics	.	69	.8
Flywheels	.	18	.2
Set screws, keys, and bolts	.	14	.2
Counterweights	.	1	.1
Totals	.	8,001	100.0

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES.

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

*Conjugal Condition in Fatal Cases.*

	CONDITION.	Number of Cases.	Per Cent.
Single	.	98	28.5
Married	.	225	65.4
Widowed	.	9	5.5
Divorced	.	2	.6
Totals	.	344	100.0

Of the 225 cases in which the employees were married, 223 involved total dependency and 2 partial dependency.

There were 98 cases in which the employees were single. Total dependency was involved in 13 cases, partial dependency in 56 cases, and in the remaining 29 cases there was no dependency.

In the remaining 11 cases, 9 were widowers and 2 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 1,080 cases of specific injuries. In 110 cases or 10.2 per cent, the employees were more than 55 years of age; 5, or .5 per cent, occurred among children under 16 years of age.

The number of injuries to minors increased from 42 in 1929 to 69 in 1930.

*Specified Injuries.*

TYPE OF INJURY.	Number of Cases.	Per Cent of Total.
One finger or thumb	676	62.5
Two or more fingers, two or more phalanges	107	9.9
One eye	95	8.8
Right or major index finger, two phalanges.	64	5.9
One toe	27	2.5
Right or major thumb, one phalange	26	2.4
Left or minor hand or arm	19	1.8
Right or major hand or arm	19	1.8
One foot or leg	14	1.3
Right or major thumb, two phalanges	8	.7
Two or more toes	7	.6
One finger or thumb on both hands	4	.4
Right or major thumb, 1 phalange and right or major index finger, two phalanges	4	.4
Right or major thumb and index finger, two phalanges	2	.2
Right or major thumb, two phalanges and one or more fingers	2	.2
Right or major thumb, one phalange and one or more fingers	2	.2
Two or more fingers or thumbs on both hands	1	.1
Both legs	1	.1
One foot or leg and two or more toes	1	.1
Major hand or arm and two toes	1	.1
Totals	1,080	100.0

<sup>1</sup> Less than one-tenth of one per cent.



The group "one finger or thumb", continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use, of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges".

There were 2 cases in which the employees, who had previously lost the sight in one eye, sustained injuries resulting in the loss of sight in the other; one case in which the employee's injury resulted in the loss of use of both legs; and 1 case in which the employee, who had previously had his right arm amputated, sustained an injury resulting in the amputation of his left arm.

There was a slight increase in the number of specific injuries to the eye, from 82 in 1929 to 95 in 1930. Specific injury to the eye entails the loss of the eye or a reduction of vision to twenty-seventieths of normal with glasses.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES.

There were 717 cases, or 66.4 per cent of the specific injuries, which occurred on machinery. Although this is an increase of .3 per cent as compared with 1929, the number of cases decreased from 814 to 717.

In the group, "one finger or thumb", there were 676 cases. Of these, 469 were due to machinery, and 368 or 78.5 per cent occurred at the "point of operation".

*Percentage Distribution of Specific Injury Cases, by Causes.*

CAUSE OF INJURY.	Number of Cases.	Per Cent of Total.
Machinery	717	66.4
Handling of objects	156	14.4
Hand tools	79	7.3
Vehicles	33	3.1
Miscellaneous causes	24	2.2
Fires, explosions, electricity, etc.	21	1.9
Falling objects, not handled by employee	20	1.9
Falls of persons	15	1.4
Stepping on or striking against objects	11	1.0
Animals	3	.3
Occupational diseases	1	.1
Totals	1,080	100.0

*Distribution of Specific Injuries to Eye, by Causes.*

CAUSE OF INJURY.	Number of Cases.	CAUSE OF INJURY.	Number of Cases.
Hand tools	40	Vehicles	3
Machinery	27	Stepping on or striking against objects	2
Fires, explosions, electricity, etc.	12	Occupational diseases	1
Miscellaneous causes	5		
Handling of objects	5	Total	95

## DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT.

From July 1, 1929, to June 30, 1930, there were 35 not insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement, or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

*Not Insured Fatal Injuries, by Industries.*

INDUSTRIES.	Number of Cases.	INDUSTRIES.	Number of Cases.
Steam railroads	14	Iron and steel	1
Manufacturers of explosives	4	Teaming	1
Trade	4	Wood workers	1
Hospitals	3	Manufacturer of coke	1
Telephone and telegraph	2		
Express	2	Total	35
Building trades	2		

The average age of the employees at the time of death was 42 years, and the average weekly wages were \$28.68.

Under the provisions of the Act, the dependents in these cases would have been paid a total of \$108,365.00. In 23 cases dependency was total, and in each of these cases \$2,000.00 to \$6,400.00 would have been due, according to the number of dependents. In the remaining 12 cases, there was no dependency. On each of the no dependency cases, \$150.00 would be due for funeral expenses and \$100.00 to the State in accordance with Chapter 152, section 65. The actual amount paid was \$20,120.00 or 18.5 per cent of that called for by the Workmen's Compensation Act.

An analysis of dependency in uninsured cases is of value in showing upon whom the burden fell.

### *Dependency in Uninsured Cases.*

DEPENDENTS	Number of Cases.	DEPENDENTS.	Number of Cases.
Widow and 7 children	1	Widow	8
Widow and 5 children	1	Two children	1
Widow and 4 children	1	Parents	2
Widow and 3 children	1	No dependents	12
Widow and 2 children	4		
Widow and 1 child	4	Total	35

## THE MEDICAL DIVISION.

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,<sup>1</sup> is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period ending June 30, 1930, the sum of \$3,233,167.55. This sum represents 32.8 per cent of the total payments of the year. During this period 123,475 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the employee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the members of the Board. During the year covered by this report, 3,314 impartial examinations have been made at a total cost of \$23,306.50. In addition to this sum \$615.00 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

## AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT.

The following amendments were enacted during the 1931 session.

Chapter 152 of the General Laws is hereby amended by inserting after section 15 the following new section:

Section 15A. If one or more claims are filed for an injury and two or more insurers, any one of which may be held to be liable to pay compensation therefor, agree that the injured employee would be entitled to receive such compensation but for the existence of a controversy as to which of said insurers is liable to pay the same, such one of said insurers

<sup>1</sup> Francis D. Donoghue, M. D.

as they may mutually agree upon or as may be selected by a single member of the board shall pay to the injured employee the compensation aforesaid, pending a final decision of the board as to the matter in controversy, and such decision shall require that the amount of compensation so paid shall be deducted from the award if made against another insurer and be paid by said other insurer to the insurer agreed upon or selected by the single member as aforesaid. (Approved March 26, 1931; in effect June 24, 1931.)

Section 26 of chapter 152 of the General Laws, as amended by section 3 of chapter 309 of the acts of 1927 and by chapter 205 of the acts of 1930, is hereby further amended by inserting after the word "commonwealth", in the seventh line of the sentence added by said chapter 205, the following:— and any person who, while engaged in the usual course of his trade, business, profession or occupation, is ordered by an insured person, or by a person exercising superintendence on behalf of such insured person, to perform work which is not in the usual course of such trade, business, profession or occupation, and, while so performing such work, receives a personal injury,—so that said sentence will read as follows:— For the purposes of this section, any person while operating or using a motor or other vehicle, whether or not belonging to his employer, with his employer's general authorization or approval, in the performance of work in connection with the business affairs or undertakings of his employer, and whether within or without the commonwealth, and any person who, while engaged in the usual course of his trade, business, profession or occupation, is ordered by an insured person, or by a person exercising superintendence on behalf of such insured person, to perform work which is not in the usual course of such trade, business, profession or occupation, and, while so performing such work, receives a personal injury, shall be conclusively presumed to be an employee. (Approved April 6, 1931; in effect July 5, 1931.)

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## STATISTICAL TABLES.

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INDUSTRIES.	Insured.	Not Insured.	Total.
<b>Agriculture, Forestry, and Animal Husbandry.</b>	<b>814</b>	<b>6</b>	<b>820</b>
Agriculture . . . . .	465	1	466
Forestry . . . . .	152	1	153
Animal husbandry . . . . .	77	—	77
Ice harvesting . . . . .	120	4	124
<b>Extraction of Minerals.</b>	<b>268</b>	<b>4</b>	<b>272</b>
Quarrying . . . . .	268	4	272
<b>Building Trades.</b>	<b>7,979</b>	<b>21</b>	<b>8,000</b>
Hand trades . . . . .	7,979	21	8,000
<b>Chemical and Allied Products.</b>	<b>670</b>	<b>14</b>	<b>684</b>
Fertilizers . . . . .	69	—	69
Paints, varnish and japanning . . . . .	78	—	78
Powder, cartridges, fireworks, etc., makers . . . . .	37	11	48
Soap makers . . . . .	202	—	202
Other chemical workers . . . . .	284	3	287
<b>Clay, Glass and Stone Products.</b>	<b>653</b>	<b>2</b>	<b>655</b>
Brick makers . . . . .	110	—	110
Potteries . . . . .	9	—	9
Tile makers . . . . .	55	—	55
Glass makers, workers . . . . .	79	—	79
Terra Cotta . . . . .	—	—	—
Lime, cement and gypsum . . . . .	126	1	127
Marble and stone cutters . . . . .	265	1	266
Mica, isinglass . . . . .	9	—	9
<b>Clothing.</b>	<b>539</b>	<b>1</b>	<b>540</b>
Clothing makers . . . . .	427	1	428
Corset makers . . . . .	10	—	10
Hat makers, wool or felt . . . . .	70	—	70
Shirt, collar and cuff makers . . . . .	32	—	32
<b>Food and Kindred Products.</b>	<b>2,612</b>	<b>3</b>	<b>2,615</b>
Bakery, bread and other bakers products . . . . .	730	—	730
Butter and cheese makers . . . . .	97	—	97
Candy, confectionery . . . . .	429	—	429
Fish curers and packers . . . . .	338	1	339
Flour and grain mills . . . . .	7	—	7
Fruit and vegetable canners . . . . .	57	—	57
Slaughter and packing houses . . . . .	605	1	606
Sugar makers and refiners . . . . .	84	—	84
Other food preparers . . . . .	265	1	266
<b>Iron and Steel and Their Products</b>	<b>6,640</b>	<b>171</b>	<b>6,811</b>
Agricultural implements . . . . .	3	—	3
Automobile factories . . . . .	768	6	774
Car and railroad shops . . . . .	40	12	52
Foundries and metal working, tools, forging . . . . .	2,810	130	2,940
Manufacture of aeroplanes . . . . .	14	—	14
Ship and boat building . . . . .	413	—	413
Wagons and carriages . . . . .	2	—	2
Other iron and steel workers . . . . .	2,590	23	2,613
<b>Leather and Its Finished Products.</b>	<b>3,157</b>	<b>23</b>	<b>3,180</b>
Harness and saddle makers and repairers . . . . .	5	—	5
Leather belt, leather case, pocketbook makers . . . . .	141	8	149
Shoes . . . . .	1,885	5	1,890
Tanneries . . . . .	1,115	10	1,125
Trunk makers . . . . .	11	—	11
<b>Liquors and Beverages.</b>	<b>211</b>	<b>—</b>	<b>211</b>
Breweries . . . . .	3	—	3
Distilleries . . . . .	1	—	1
Other liquor and beverage workers . . . . .	207	—	207
<b>Lumber and Its Re-manufacture.</b>	<b>2,032</b>	<b>5</b>	<b>2,037</b>
Boxmakers (wood) . . . . .	283	—	283
Furniture . . . . .	690	4	694
Pianos and organs . . . . .	98	—	98
Saw and planing mills . . . . .	192	1	193
Other woodworkers . . . . .	772	—	772
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>730</b>	<b>—</b>	<b>730</b>
Brass mills . . . . .	122	—	122
Clock factories . . . . .	12	—	12
Copper factories . . . . .	74	—	74
Gold and silver factories . . . . .	88	—	88

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1929 to June 30, 1930 — Concluded.*

INDUSTRIES.	Insured.	Not Insured.	Total.
<b>Metals and Metal Products Other than Iron and Steel—Con.</b>			
Jewelry factories . . . . .	102	—	102
Lead and zinc factories . . . . .	117	—	117
Tin-plate factories . . . . .	48	—	48
Watch factories . . . . .	35	—	35
Copper and brass . . . . .	85	—	85
Other metal workers . . . . .	47	—	47
<b>Paper</b>	<b>1,895</b>	<b>2</b>	<b>1,897</b>
Box makers (paper) . . . . .	320	1	321
Makers of blank books, envelopes, tags, labels, paper bags . . . . .	217	1	218
Paper and pulp mills . . . . .	913	—	913
Pulp mills . . . . .	8	—	8
Other paper goods . . . . .	437	—	437
<b>Printing and Bookbinding</b>	<b>870</b>	<b>23</b>	<b>893</b>
Printing and publishing establishments . . . . .	870	23	893
<b>Textiles</b>	<b>5,291</b>	<b>54</b>	<b>5,345</b>
Carpet mills . . . . .	166	—	166
Cotton mills . . . . .	2,272	43	2,315
Dyeing and finishing textiles . . . . .	443	6	449
Hemp and jute mills . . . . .	53	—	53
Knitting mills . . . . .	174	—	174
Lace and embroidery makers . . . . .	2	—	2
Linen mills . . . . .	25	—	25
Print works . . . . .	84	—	84
Rope and cordage factories, twine . . . . .	42	—	42
Sail, awning and tent makers . . . . .	8	—	8
Silk mills . . . . .	242	—	242
Woolen mills, worsted mills . . . . .	1,349	3	1,352
Not specified textile workers . . . . .	431	2	433
<b>Miscellaneous Industries.</b>	<b>5,044</b>	<b>88</b>	<b>5,132</b>
Broom and brush makers . . . . .	34	—	34
Button makers . . . . .	2	—	2
Charcoal and coke burners . . . . .	3	5	8
Cigars . . . . .	41	1	42
Electric light and power companies . . . . .	462	1	463
Electrical supplies . . . . .	1,483	3	1,486
Gas works . . . . .	243	63	306
Oil works . . . . .	484	—	484
Rubber factories . . . . .	950	—	950
Straw workers . . . . .	11	—	11
Turpentine distillers . . . . .	—	1	1
Gas and electric companies . . . . .	185	—	185
Other miscellaneous industries . . . . .	1,146	14	1,160
<b>Water Transportation</b>	<b>381</b>	<b>162</b>	<b>543</b>
Water transportation . . . . .	381	162	543
<b>Transportation, Road, Etc.</b>	<b>5,488</b>	<b>1,178</b>	<b>6,666</b>
Construction, roads, street, etc. . . . .	2,756	91	2,847
Livery stables . . . . .	20	1	21
Truck, transfer and cab companies, garages . . . . .	2,122	19	2,141
Street railways . . . . .	590	39	629
Steam railroads . . . . .	—	1,028	1,028
<b>Express Companies.</b>	<b>181</b>	<b>344</b>	<b>525</b>
Express companies . . . . .	181	344	525
<b>Telephone and Telegraph.</b>	<b>—</b>	<b>244</b>	<b>244</b>
Telephone and telegraph . . . . .	—	244	244
<b>Aeroplane Transportation.</b>	<b>9</b>	<b>—</b>	<b>9</b>
Aeroplane transportation . . . . .	9	—	9
<b>Other Persons in Transportation.</b>	<b>136</b>	<b>1</b>	<b>137</b>
Other persons in transportation . . . . .	136	1	137
<b>Trade.</b>	<b>9,495</b>	<b>200</b>	<b>9,695</b>
Banking and brokerage . . . . .	102	—	102
Insurance . . . . .	110	8	118
Real estate . . . . .	349	2	351
Wholesale and retail trade . . . . .	8,590	189	8,779
Elevators . . . . .	38	—	38
Warehouses and cold-storage plants . . . . .	213	1	214
Other persons in trade . . . . .	90	—	90
Clerical assistants, industry, business or profession not specified . . . . .	3	—	3
<b>Professional Service.</b>	<b>707</b>	<b>74</b>	<b>781</b>
Professional service . . . . .	707	74	781
<b>Domestic and Personal Service.</b>	<b>3,281</b>	<b>38</b>	<b>3,319</b>
Occupations not in industries . . . . .	2,757	36	2,793
Laundry and laundry work . . . . .	524	2	526
<b>Grand total</b>	<b>50,083</b>	<b>2,658</b>	<b>61,741</b>



TABLE II. — *Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1929 to June 30, 1930.*

Number of employees receiving medical services only . . . . .	89,730	
Payments made . . . . .		\$960,722 52
Outstanding payments . . . . .		84,773 75
		<hr/>
Number of employees receiving compensation only . . . . .	4,835	\$1,045,496 27
Payments made . . . . .		\$294,202 73
Outstanding payments . . . . .		61,896 00
		<hr/>
Number of employees requiring both medical service and compensation . . . . .	33,745	\$356,098 73
Medical payments made . . . . .		\$1,649,567 54
Medical payments outstanding . . . . .		486,766 99
		<hr/>
Compensation payments made . . . . .		\$2,136,334 53
Compensation payments outstanding . . . . .		\$3,488,654 07
		<hr/>
		1,732,251 52
		<hr/>
		\$5,220,905 59
Number of employees requiring neither medical services nor compensation . . . . .	45,739	
Total dependency fatalities . . . . .	232	
Compensation payments made . . . . .		\$122,362 78
Outstanding compensation payments . . . . .		832,765 71
		<hr/>
		\$955,128 49
Partial dependency fatalities . . . . .	47	
Compensation payments made . . . . .		\$13,572 08
Outstanding compensation payments . . . . .		76,581 65
		<hr/>
		\$90,153 73
No dependency fatalities . . . . .	24	
Compensation payments made . . . . .		\$2,847 00
Outstanding compensation payments . . . . .		3,082 00
		<hr/>
		\$5,929 00
		<hr/>
Number of fatal cases reported to insurers . . . . .		303
Number of non-fatal cases reported to insurers . . . . .		174,049
		<hr/>
Total number reported to insurers . . . . .		174,352
Total medical paid . . . . .		\$2,657,010 81
Total medical outstanding . . . . .		576,156 74
		<hr/>
		\$3,233,167 55
Total fatal compensation paid . . . . .		\$138,781 86
Total fatal compensation outstanding . . . . .		912,429 36
		<hr/>
		\$1,051,211 22
Total non-fatal compensation paid . . . . .		\$3,782,856 80
Total non-fatal compensation outstanding . . . . .		1,794,147 52
		<hr/>
		\$5,577,004 32
Total payments made . . . . .		\$6,578,649 47
Total payments outstanding . . . . .		3,282,733 62
		<hr/>
		\$9,861,383 09

TABLE III. — Frequency of Injuries, by Industry and Extent of Disability, July 1, 1929, to June 30, 1930

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.												
	Total. Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.									
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year. Total.
<b>Agricultural, Forestry, and Animal Husbandry.</b>													
Agriculture	820	6	10	89	174	109	107	83	134	62	22	20	3
Forestry	466	4	1	49	87	66	67	48	82	34	14	7	—
Animal husbandry	153	1	2	20	39	22	10	13	19	10	5	10	2
Ice Harvesting	77	1	—	9	21	8	12	9	8	4	2	2	1
	124	—	1	11	27	13	18	13	25	14	1	1	—
<b>Extraction of Minerals.</b>													
Quarrying	272	3	10	30	72	36	38	22	30	18	6	5	2
	272	3	10	30	72	36	38	22	30	18	6	5	2
<b>Building Trades.</b>													
Hand trades	8,000	72	103	1,152	1,425	837	975	680	1,406	610	410	246	83
	8,000	72	103	1,152	1,425	837	975	680	1,406	610	410	246	83
<b>Chemical and Allied Products.</b>													
Fertilizers	684	6	12	88	163	83	88	50	113	39	22	16	4
Paints, varnish, japanning	69	—	1	7	16	6	6	9	15	6	1	2	—
Powder, cartridges, fireworks, etc., makers	78	—	1	10	17	11	9	8	8	7	6	1	—
Soap makers	48	4	—	5	12	8	7	1	4	7	—	—	—
Other chemical workers	202	—	8	31	53	17	31	12	31	8	6	4	1
	287	2	2	35	65	41	35	20	55	11	9	9	3
<b>Clay, Glass and Stone Products.</b>													
Brickmakers	655	6	24	88	140	82	74	62	94	43	24	15	3
Potteries	110	1	—	13	26	19	9	10	16	7	6	2	1
Tile makers	9	—	2	2	1	1	—	1	2	—	—	—	—
Glass makers and workers	55	—	—	9	13	6	3	9	7	5	2	1	—
Lime, cement and gypsum	79	—	—	15	13	9	12	8	15	3	1	2	1
Marble and stone cutters	127	—	2	7	26	23	15	11	22	13	3	4	1
Mica and isinglass	266	5	19	41	61	22	34	22	32	15	10	5	—
	9	—	1	1	—	2	1	1	—	—	2	1	—
<b>Clothing.</b>													
Clothing makers	540	—	1	70	92	75	85	72	89	24	23	8	1
Corset makers	428	—	1	52	75	57	69	57	73	20	16	7	1
Hat makers, wool or felt	10	—	—	2	2	2	1	1	1	—	—	1	—
Shirt, collar and cuff makers	70	—	—	9	9	10	10	12	12	4	4	—	—
	32	—	—	7	6	6	5	2	3	—	3	—	—
<b>Food and Kindred Products.</b>													
Bakeries	2,615	4	45	389	553	341	380	253	398	142	73	27	10
Butter and cheese makers	730	—	17	100	132	88	99	67	135	43	32	13	4
Candy and confectionery	97	—	1	22	26	11	8	10	15	1	2	1	—
Fish curers and packers	429	1	9	77	86	37	52	38	77	30	11	7	4
Flour and grain mills	339	—	6	47	73	65	66	29	39	11	3	—	—
Fruit and vegetable canners	57	—	—	14	11	10	6	3	6	3	3	—	1

Slaughter and packing houses	606	2	—	—	6	84	151	93	98	63	27	12	1	1	598
Sugar makers and refiners	84	—	—	—	—	10	20	10	11	12	3	1	3	84	—
Other food preparers	266	1	—	—	6	34	52	27	38	31	23	8	2	—	250
<b>Iron and Steel and Their Products.</b>	<b>6,811</b>	<b>27</b>	<b>—</b>	<b>—</b>	<b>225</b>	<b>849</b>	<b>1,437</b>	<b>946</b>	<b>889</b>	<b>550</b>	<b>1,179</b>	<b>419</b>	<b>187</b>	<b>89</b>	<b>6,559</b>
Agricultural implements	3	—	—	—	—	1	—	—	—	—	—	—	—	—	3
Automobile factories	774	5	—	—	17	81	211	109	102	64	116	44	18	6	752
Car and railroad shops	52	—	—	—	—	12	7	9	7	4	6	—	4	1	50
Foundries and metal working tools	2,940	7	—	—	91	376	561	408	392	247	543	193	73	40	2,842
Manufacture of airplanes	14	—	—	—	—	2	1	2	1	2	5	—	1	—	14
Ship and boat building	413	3	—	—	6	56	84	56	48	38	73	30	16	3	404
Wagons and carriages	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Other iron and steel workers	2,613	11	—	—	110	321	572	362	339	194	435	152	74	39	2,402
<b>Leather and Its Finished Products.</b>	<b>3,180</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>59</b>	<b>455</b>	<b>632</b>	<b>386</b>	<b>456</b>	<b>312</b>	<b>526</b>	<b>193</b>	<b>115</b>	<b>32</b>	<b>3,115</b>
Harness and saddle makers and repairers	5	—	—	—	—	—	2	—	1	1	—	1	—	—	5
Leather belt, leather case and pocketbook makers	149	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shoes	1,890	1	—	—	5	24	40	14	18	13	20	11	—	3	1,444
Tanneries	1,125	5	—	—	25	288	364	223	287	179	316	111	70	19	1,861
Trunk makers	11	—	—	—	1	142	225	148	149	116	187	70	45	10	1,095
<b>Liquors and Beverages.</b>	<b>211</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>22</b>	<b>37</b>	<b>32</b>	<b>38</b>	<b>18</b>	<b>43</b>	<b>13</b>	<b>4</b>	<b>2</b>	<b>211</b>
Breweries	3	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Distilleries	1	—	—	—	—	1	—	—	—	—	—	—	—	—	1
Other liquor and beverage workers	207	—	—	—	—	21	37	32	38	17	41	13	4	2	207
<b>Lumber and Its Re-manufacture.</b>	<b>2,037</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>86</b>	<b>266</b>	<b>399</b>	<b>295</b>	<b>286</b>	<b>178</b>	<b>339</b>	<b>104</b>	<b>51</b>	<b>22</b>	<b>1,944</b>
Box makers (wood)	280	1	—	—	—	36	60	29	35	49	16	8	6	2	269
Furniture	694	5	—	—	26	89	139	116	87	62	108	37	16	8	663
Pianos and organs	98	—	—	—	3	16	21	16	18	13	2	—	—	1	95
Saw and planing mills	193	—	—	—	7	20	43	24	25	14	40	12	6	1	186
Other wood workers	772	1	—	—	40	105	136	110	121	66	129	37	21	6	731
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>730</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>30</b>	<b>99</b>	<b>164</b>	<b>84</b>	<b>79</b>	<b>65</b>	<b>124</b>	<b>44</b>	<b>26</b>	<b>10</b>	<b>696</b>
Brass mills	122	—	—	—	3	11	24	16	14	20	21	4	7	1	119
Clock factories	12	—	—	—	1	1	6	2	1	—	—	—	—	—	11
Copper factories	74	—	—	—	2	16	20	6	8	4	10	6	1	1	72
Gold and silver factories	88	—	—	—	5	18	22	15	11	8	11	5	3	—	83
Jewelry factories	102	—	—	—	7	14	20	15	11	7	19	1	6	2	95
Lead and zinc factories	117	1	—	—	3	17	24	12	13	7	22	9	5	4	113
Tin plate factories	48	1	—	—	5	8	7	4	3	—	13	4	1	1	42
Watch factories	35	—	—	—	2	1	7	8	5	5	3	1	1	—	34
Copper and brass factories	85	2	—	—	1	8	23	7	10	8	16	8	1	—	81
Other metal workers	47	—	—	—	1	9	10	3	3	5	8	6	1	1	46
<b>Paper.</b>	<b>1,897</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>52</b>	<b>222</b>	<b>397</b>	<b>253</b>	<b>272</b>	<b>177</b>	<b>327</b>	<b>114</b>	<b>46</b>	<b>22</b>	<b>1,839</b>
Box makers	321	—	—	—	13	43	72	30	51	31	51	14	13	2	308
Makers of blank books, envelopes, tags and labels, bags	218	—	—	—	10	21	56	28	32	10	37	16	4	3	208

TABLE III — Frequency of Injuries, by Industry and Extent of Disability, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.														
	Total. Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.											
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.	
<b>Paper—Con.</b>															
Paper and pulp mills . . . . .	913	3	—	98	192	138	130	93	160	53	16	10	3	893	
Pulp mills . . . . .	8	—	—	—	—	—	—	1	1	2	2	—	—	8	
Other paper goods . . . . .	437	3	—	60	77	56	59	42	78	29	11	7	3	422	
<b>Printing and Bookbinding.</b>															
Printing and publishing establishments . . . . .	893	2	—	139	193	112	114	84	141	58	19	7	2	869	
	893	2	—	139	193	112	114	84	141	58	19	7	2	869	
<b>Textiles.</b>															
Carpet mills . . . . .	5,345	20	—	568	1,141	707	666	475	870	419	210	95	25	5,176	
Cotton mills . . . . .	166	—	4	19	37	20	19	15	34	13	1	4	—	162	
Dyeing and finishing textiles . . . . .	2,315	11	—	239	502	281	282	200	366	197	119	46	12	2,244	
Hemp and jute mills . . . . .	449	3	—	55	97	48	54	44	84	32	13	7	3	437	
Knitting mills . . . . .	53	—	5	2	10	2	11	3	9	9	1	1	—	48	
Lace and embroidery makers . . . . .	174	—	2	29	43	29	22	17	19	4	5	4	—	172	
Linen mills . . . . .	2	—	—	—	—	—	—	—	—	—	—	—	—	2	
Print works . . . . .	25	—	1	2	9	4	4	2	1	2	—	—	—	24	
Rope and cordage factories, twine . . . . .	84	1	—	2	7	12	10	10	19	10	5	1	—	76	
Sail, awning and tent makers . . . . .	42	—	2	3	12	6	3	2	7	4	2	—	1	40	
Silk mills . . . . .	8	—	—	—	—	1	1	—	3	1	2	—	—	8	
Woolen and worsted mills . . . . .	242	—	3	22	51	35	34	35	36	18	6	2	—	239	
Not specified textile workers . . . . .	1,352	4	—	133	299	212	168	114	215	97	41	22	5	1,306	
	433	1	—	62	73	57	58	33	76	32	15	8	4	418	
<b>Miscellaneous Industries.</b>															
Broom and brush makers . . . . .	5,132	37	2	722	1,076	710	650	401	828	295	158	95	22	4,957	
Button makers . . . . .	34	—	1	4	8	6	3	3	4	4	—	1	—	33	
Charcoal and coke burners . . . . .	2	—	—	—	—	—	1	1	—	—	—	—	—	2	
Cigars . . . . .	8	—	—	—	—	3	5	2	6	2	1	—	—	8	
Electric light and power companies . . . . .	42	1	—	10	10	3	48	30	69	25	12	4	3	448	
Electrical supplies . . . . .	463	7	1	88	102	67	194	128	271	79	44	28	6	1,421	
Gas works . . . . .	1,486	8	—	174	293	204	194	128	271	79	44	28	6	1,421	
Oil works . . . . .	306	1	—	53	69	57	32	29	33	15	10	5	1	304	
Rubber factories . . . . .	481	6	—	68	121	64	63	30	74	23	19	10	5	477	
Straw workers . . . . .	950	4	1	122	184	121	135	70	157	63	34	26	4	916	
Gas and electric companies . . . . .	11	—	—	—	3	1	2	1	3	1	—	—	—	11	
Turpetine distillers . . . . .	185	4	—	27	37	27	27	11	37	10	4	—	—	180	
Other miscellaneous industries and occupations . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	—	1	
<b>Water Transportation.</b>															
Water transportation . . . . .	1,160	6	—	176	249	157	140	93	174	71	32	21	3	1,116	
	543	1	—	54	127	69	80	49	102	25	19	13	2	540	
	543	1	—	54	127	69	80	49	102	25	19	13	2	540	





TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, July 1, 1929, to June 30, 1930*

INDUSTRIES.	NUMBER OF DAYS LOST.															
	Total.	Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.											
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.	
<b>Agriculture, Forestry and Ani- mal Husbandry.</b>																
Agriculture . . . . .	75,414	36,000	6,000	7,500	232	1,017	1,303	1,977	2,118	5,225	4,493	2,880	5,419	1,250	25,914	
Forestry . . . . .	47,875	24,000	6,000	4,650	123	511	765	1,232	1,223	3,180	2,425	1,896	1,870	—	13,225	
Animal husbandry . . . . .	15,055	6,000	—	2,100	55	229	271	181	334	793	691	664	2,887	850	6,955	
Ice harvesting . . . . .	8,331	6,000	—	—	23	118	96	223	280	281	253	225	452	400	2,331	
	4,153	—	—	750	31	159	171	341	331	971	1,094	95	210	—	3,403	
<b>Extraction of Minerals.</b>																
Quarrying . . . . .	38,008	18,000	—	12,600	77	392	424	710	552	1,183	1,358	843	1,044	825	7,408	
	38,008	18,000	—	12,600	77	392	424	710	552	1,183	1,358	843	1,044	825	7,408	
<b>Building Trades.</b>																
Hand trades . . . . .	834,585	432,000	6,000	89,250	2,968	8,202	9,654	17,851	17,213	54,822	44,208	52,637	63,329	36,451	307,335	
	834,585	432,000	6,000	89,250	2,968	8,202	9,654	17,851	17,213	54,822	44,208	52,637	63,329	36,451	307,335	
<b>Chemical and Allied Products.</b>																
Fertilizers . . . . .	62,470	36,000	—	5,550	231	933	1,011	1,611	1,271	4,583	2,838	2,750	3,792	1,900	20,920	
Paints, varnish, japanning . . . . .	2,477	—	—	300	18	85	65	116	230	614	409	140	440	—	2,177	
Powder, cartridges, fireworks, etc., makers . . . . .	2,649	—	—	300	26	96	137	108	200	313	495	714	200	—	2,349	
Soap makers . . . . .	25,007	24,000	—	—	14	73	96	125	26	178	495	—	—	—	1,007	
Other chemical workers . . . . .	9,962	—	—	4,350	84	317	215	562	312	1,217	572	785	948	600	5,612	
	22,375	12,000	—	600	89	362	498	640	503	2,261	807	1,111	2,204	1,300	9,775	
<b>Clay, Glass and Stone Products.</b>																
Brickmakers . . . . .	72,848	36,000	—	16,800	225	791	952	1,340	1,563	3,666	3,118	2,899	4,087	1,407	20,048	
Potteries . . . . .	9,770	6,000	—	600	34	150	210	161	256	620	504	863	572	400	3,770	
Tile makers . . . . .	710	—	—	—	4	5	11	26	26	64	—	—	—	—	110	
Glass makers and workers . . . . .	1,604	—	—	—	22	83	81	57	230	279	366	201	285	—	1,604	
Lime, cement, and gypsum . . . . .	2,764	—	—	—	42	66	100	217	210	650	207	140	600	532	2,764	
Marble and stone cutters . . . . .	6,126	—	—	1,500	19	145	269	269	266	837	910	314	1,122	475	4,026	
Mica and isinglass . . . . .	51,118	30,000	—	14,400	102	342	259	618	551	1,216	1,131	1,191	1,308	—	6,718	
	756	—	—	300	2	—	22	18	24	—	—	190	200	—	456	
<b>Clothing.</b>																
Clothing makers . . . . .	16,177	—	—	600	186	528	898	1,578	1,826	3,345	1,698	2,985	2,033	500	15,577	
Corset makers . . . . .	13,099	—	—	600	139	433	684	1,277	1,453	2,747	1,393	2,045	1,828	500	12,499	
Hat makers, wool or felt . . . . .	317	—	—	—	5	11	20	18	27	31	—	—	205	—	317	
Shirt, collar and cuff makers . . . . .	1,973	—	—	—	24	46	124	182	297	449	305	546	394	—	1,973	
	788	—	—	—	18	38	70	101	49	118	—	—	—	—	788	
<b>Food and Kindred Products.</b>																
Bakeries . . . . .	121,358	24,000	—	29,700	1,013	3,134	3,976	6,952	6,342	15,691	10,173	9,140	6,636	4,601	67,658	
Butter and cheese makers . . . . .	32,942	—	—	9,750	250	745	1,022	1,785	1,659	5,226	3,116	4,084	3,276	2,026	23,192	
Candy and confectionery . . . . .	2,067	—	—	300	57	154	112	142	252	569	71	210	200	—	1,767	
Fish curers and packers . . . . .	25,635	6,000	—	6,600	206	507	432	955	977	3,101	2,125	1,220	1,762	1,750	13,035	
Flour and grain mills . . . . .	11,021	—	—	4,950	127	414	761	1,219	744	1,588	830	358	—	—	6,071	
Fruit and vegetable canners . . . . .	1,226	—	—	—	3	11	—	36	—	61	115	—	—	—	226	
	1,649	—	—	—	36	62	111	104	74	238	230	419	—	375	1,649	

Slaughter and packing houses	28,085	12,000	—	3,900	222	842	1,106	1,797	1,548	2,619	1,906	1,485	210	450	12,185
Sugar makers and refiners	2,445	—	—	—	26	109	123	209	560	188	183	795	—	—	2,445
Other food preparers	17,288	6,000	—	4,200	86	290	309	705	786	1,787	1,646	1,086	393	—	7,088
<b>Iron and Steel and Their Products.</b>	<b>487,160</b>	<b>162,000</b>	<b>—</b>	<b>144,390</b>	<b>2,194</b>	<b>8,243</b>	<b>11,019</b>	<b>16,145</b>	<b>13,859</b>	<b>46,168</b>	<b>29,983</b>	<b>23,689</b>	<b>23,041</b>	<b>6,519</b>	<b>180,860</b>
Agricultural implements	56	—	—	—	3	4	—	—	—	49	—	—	—	—	56
Automobile factories	58,416	30,000	—	10,050	207	1,282	1,281	1,884	1,635	4,617	3,043	2,368	1,599	450	18,366
Car and railroad shops	7,720	6,000	—	—	300	36	109	134	104	214	—	564	230	—	1,420
Foundries and metal working tools	188,278	42,000	—	64,950	971	3,182	4,785	7,130	6,189	21,219	13,863	9,384	10,161	4,444	81,328
Manufacture of airplanes	463	—	—	—	6	5	22	21	51	201	—	157	—	—	463
Ship and boat building	34,888	18,000	—	6,300	147	460	648	860	960	2,698	2,096	1,882	837	—	10,588
Wagons and carriages	177	—	—	—	—	—	—	—	26	—	151	—	—	—	177
Other iron and steel workers	197,162	66,000	—	62,700	831	3,274	4,174	6,116	4,894	17,170	10,981	9,183	10,214	1,625	68,462
<b>Leather and Its Finished Products.</b>	<b>182,508</b>	<b>36,000</b>	<b>—</b>	<b>51,450</b>	<b>1,188</b>	<b>3,670</b>	<b>4,552</b>	<b>8,257</b>	<b>7,920</b>	<b>20,485</b>	<b>13,906</b>	<b>14,581</b>	<b>8,108</b>	<b>12,391</b>	<b>95,058</b>
Harness and saddle makers and repairers	126	—	—	—	—	10	—	19	28	—	69	—	—	—	126
Leather belt, leather case and pocket-book makers	5,991	—	—	—	61	229	171	325	330	741	764	—	—	—	3,891
Shoes	83,957	6,000	—	18,000	753	2,129	2,620	5,194	4,560	12,505	7,976	9,011	4,468	10,741	59,937
Tanneries	91,595	30,000	—	30,750	372	1,295	1,749	2,698	2,923	7,121	5,097	5,570	2,745	1,275	30,845
Trunk makers	839	—	—	600	2	7	12	21	79	118	—	—	—	—	839
<b>Liquors and Beverages.</b>	<b>6,150</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>60</b>	<b>215</b>	<b>364</b>	<b>689</b>	<b>449</b>	<b>1,729</b>	<b>931</b>	<b>472</b>	<b>419</b>	<b>822</b>	<b>6,150</b>
Breweries	102	—	—	—	—	—	—	—	26	76	—	—	—	—	102
Distilleries	2	—	—	—	2	—	—	—	—	—	—	—	—	—	2
Other liquor and beverage workers	6,046	—	—	—	58	215	364	689	423	1,653	931	472	419	822	6,046
<b>Lumber and Its Re-manufacture.</b>	<b>155,159</b>	<b>42,000</b>	<b>—</b>	<b>62,700</b>	<b>692</b>	<b>2,267</b>	<b>3,432</b>	<b>5,232</b>	<b>4,503</b>	<b>13,265</b>	<b>7,433</b>	<b>6,440</b>	<b>5,545</b>	<b>1,650</b>	<b>50,459</b>
Box makers (wood)	20,613	6,000	—	6,150	85	330	624	701	1,876	1,876	1,173	1,082	1,342	900	8,403
Furniture	67,307	30,000	—	20,250	239	799	1,368	1,612	1,585	4,256	2,633	1,992	2,198	375	17,057
Pianos and organs	2,667	—	—	900	36	112	185	319	203	539	153	—	220	—	1,767
Saw and planing mills	8,281	—	—	3,150	53	242	268	440	356	1,524	863	793	217	375	5,131
Other wood workers	56,291	6,000	—	32,250	269	774	1,281	2,237	1,658	5,070	2,611	2,573	1,568	—	18,041
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>57,980</b>	<b>24,000</b>	<b>—</b>	<b>14,400</b>	<b>248</b>	<b>955</b>	<b>982</b>	<b>1,444</b>	<b>1,640</b>	<b>4,845</b>	<b>3,155</b>	<b>3,305</b>	<b>2,629</b>	<b>377</b>	<b>19,580</b>
Brass mills	4,854	—	—	900	28	141	206	266	513	836	287	950	350	377	3,954
Clock factories	403	—	—	300	3	35	19	16	30	30	—	—	—	—	103
Copper factories	2,968	—	—	1,200	42	115	71	140	105	374	446	125	350	—	1,768
Gold and silver factories	3,439	—	—	1,500	20	121	176	196	207	423	386	410	—	—	1,939
Jewelry factories	4,822	—	—	2,100	37	120	165	196	175	782	63	727	457	—	2,722
Lead and zinc factories	10,684	6,000	—	900	42	153	137	240	169	866	627	563	987	—	3,784
Tin plate factories	10,185	6,000	—	2,850	20	40	45	57	25	486	285	110	267	—	1,335
Watch factories	1,418	—	—	750	17	46	43	100	125	113	79	145	—	—	608
Copper and brass factories	16,020	12,000	—	2,100	19	132	86	175	201	651	546	110	—	—	1,920
Other metal workers	3,187	—	—	1,800	20	52	34	58	120	284	436	165	218	—	1,387
<b>Paper.</b>	<b>130,501</b>	<b>36,000</b>	<b>—</b>	<b>42,800</b>	<b>563</b>	<b>2,242</b>	<b>2,946</b>	<b>4,937</b>	<b>4,456</b>	<b>12,704</b>	<b>8,160</b>	<b>5,865</b>	<b>5,693</b>	<b>4,135</b>	<b>51,701</b>
Box makers	18,511	—	—	10,500	113	419	344	929	786	1,975	1,035	1,556	479	375	8,011
Makers of blankbooks, envelopes, tags and labels, bags	10,968	—	—	11,150	54	311	337	581	246	1,479	1,171	552	697	390	5,818

TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, etc. — Concluded.*

[illegible]





TABLE V. — Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1929, to June 30, 1930.

ACTUAL AGE.	Total.	TOTAL MALES.				TOTAL FEMALES.					
		Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.
11	1	1	—	—	—	1	—	—	—	—	—
12	6	6	—	—	—	6	—	—	—	—	—
13	6	6	—	—	—	6	—	—	—	—	—
14	122	106	—	—	—	103	16	—	—	—	16
15	363	294	1	—	—	291	69	—	—	—	68
16	943	730	4	—	—	708	213	—	—	1	207
17	1,283	1,008	—	—	—	979	275	—	—	6	264
18	1,823	1,494	1	—	—	1,465	329	—	—	11	320
19	1,752	1,469	3	—	—	1,447	283	—	—	9	274
20	1,711	1,467	4	—	—	1,443	244	—	—	9	239
21	2,252	1,988	10	—	—	1,945	264	—	—	5	260
22	2,104	1,857	3	—	—	1,832	247	—	—	4	241
23	1,858	1,666	9	—	—	1,633	192	—	—	6	188
24	1,916	1,712	6	—	—	1,682	204	—	—	4	200
25	2,103	1,861	17	—	—	1,816	242	—	—	4	238
26	1,665	1,509	6	—	—	1,481	156	—	—	3	153
27	1,477	1,358	12	1	—	1,317	119	—	—	4	115
28	1,747	1,609	7	—	—	1,583	138	—	—	2	136
29	1,480	1,366	6	—	—	1,337	114	—	—	2	113
30	2,267	2,082	7	1	—	2,041	185	—	—	1	183
31	1,131	1,027	3	—	—	999	104	—	—	2	103
32	1,658	1,522	7	—	—	1,487	136	—	—	3	133
33	1,283	1,180	3	—	—	1,150	103	—	—	2	101
34	1,313	1,194	5	—	—	1,169	119	—	—	2	117
35	2,466	2,260	8	—	—	2,206	206	—	—	1	205
36	1,517	1,404	6	—	—	1,371	113	—	—	1	113
37	1,221	1,126	8	—	—	1,099	95	—	—	3	92
38	1,608	1,485	11	1	—	1,439	123	—	—	3	123
39	1,256	1,172	3	—	—	1,141	84	—	—	3	80
40	2,178	2,002	11	—	—	1,960	176	1	—	3	173
41	923	852	11	—	—	819	71	—	—	1	70
42	1,329	1,226	3	—	—	1,203	103	—	—	1	102
43	854	854	8	—	—	831	88	—	—	1	87
44	866	806	2	—	—	786	60	—	—	1	60
45	1,693	1,534	14	—	—	1,491	159	—	—	2	157
46	868	809	2	—	—	796	59	—	—	1	58
47	832	767	6	—	—	743	65	—	—	1	64
48	1,001	933	8	—	—	912	68	1	—	—	67





TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, July 1, 1929, to June 30, 1930.*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.															
	Under \$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22		
<b>Agriculture, Forestry and Animal Husbandry.</b>																
Agriculture	8	4	—	9	5	4	28	4	8	40	11	35	71	31		
Forestry	4	2	—	8	5	2	26	4	8	35	8	22	45	22		
Animal husbandry	1	1	—	—	—	—	1	—	—	2	2	2	20	5		
Ice harvesting	3	1	—	1	—	2	1	—	—	1	1	9	2	2		
Ice harvesting	3	1	—	—	—	—	—	—	—	2	—	2	4	2		
<b>Extraction of Minerals.</b>																
Quarrying	—	—	—	3	1	—	1	—	1	1	1	4	2	4		
Quarrying	—	—	—	3	1	—	1	—	1	1	1	4	2	4		
<b>Building Trades.</b>																
Hand trades	18	17	6	29	3	13	48	21	18	62	30	88	47	243		
Hand trades	18	17	6	29	3	13	48	21	18	62	30	88	47	243		
<b>Chemical and Allied Products.</b>																
Fertilizers	3	5	—	13	6	7	8	17	4	41	20	45	64	48		
Paints, varnish and japanning	—	—	—	—	—	—	—	4	—	16	6	1	2	10		
Powder, cartridges, fireworks, etc., makers	—	—	—	1	1	—	1	2	—	6	4	14	2	5		
Soap makers	—	—	—	1	—	—	—	—	—	4	—	9	5	4		
Other chemical workers	3	—	—	2	—	2	5	3	—	4	1	7	49	2		
Other chemical workers	—	5	—	9	5	5	2	8	4	11	9	14	6	27		
<b>Clay, Glass and Stone Products.</b>																
Brick makers	3	3	2	3	—	4	9	1	4	10	2	17	24	20		
Potteries	1	—	—	—	—	—	1	—	—	2	—	1	1	—		
Tile makers	—	—	—	—	—	—	—	—	—	2	—	1	1	—		
Glass makers	—	—	—	—	—	—	—	—	—	—	—	—	15	—		
Lime, cement and gypsum	—	2	1	1	—	1	3	1	1	2	1	7	2	5		
Marble and stone cutters	—	—	—	—	—	—	—	—	—	1	—	1	2	6		
Mica and isinglass	2	1	1	1	—	1	2	—	—	3	1	6	2	6		
Mica and isinglass	—	—	—	1	—	2	2	—	—	—	—	—	1	—		
<b>Clothing.</b>																
Clothing makers	37	23	12	33	14	14	38	21	25	32	6	38	7	19		
Corset makers	30	15	8	29	10	10	33	14	21	28	4	28	5	16		
Hat makers, wool or felt	1	1	1	1	1	1	1	2	1	—	1	1	—	—		
Shirt, collar and cuff makers	6	3	2	3	3	2	2	4	2	3	1	8	2	3		
<b>Food and Kindred Products.</b>																
Bakeries, bread and other bakery products	23	19	13	85	68	48	80	33	47	139	38	133	122	132		
Butter and cheese makers	6	4	1	15	12	15	20	8	16	39	8	38	7	43		
Candy and confectionery	13	6	6	36	32	9	27	15	14	32	16	22	14	20		
Fish curers and packers	3	3	2	21	7	9	6	2	6	29	2	19	6	11		
Flour and grain mills	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Fruit and vegetable canners	—	—	—	3	3	4	4	3	1	3	2	5	3	1		

Slaughter and packing houses						1	2	4	7	8	3	4	13	3	26	73	41
Sugar makers and refiners						1	1	9	3	14	2	4	6	4	11	4	10
Other food preparers						5	6	9					13	3	11	13	
<b>Iron and Steel and Their Products.</b>																	
Agricultural implements	27	17	114	30	70	90	69	74	156	124	285	379					
Automobile factories																	
Car and railroad shops																	
Foundries and metal working, tools																	
Manufacture of metal planes																	
Ship and boat building																	
Wagons and carriages																	
Other iron and steel workers	18	17	15	58	22	38	54	33	78	51	122	176					
<b>Leather and Its Finished Products.</b>																	
Harness and saddle makers and repairers	100	78	31	127	30	97	165	56	51	145	34	193	67	134			
Leather belt, leather case, pocket-book makers																	
Shoes																	
Tanneries	90	72	22	100	22	72	116	37	24	101	17	127	29	59			
Trunk makers	6	2	6	19	2	17	37	15	20	38	15	58	36	66			
<b>Liquor and Beverages.</b>																	
Breweries	1	1	2	5	1	1	10	4	17	1	10	3	5				
Distilleries																	
Other liquor and beverage workers																	
<b>Lumber and Its Re-manufacture.</b>																	
Box makers (wood)	32	25	14	64	16	43	99	57	92	63	138	75	143				
Furniture	2	2	1	8	1	8	11	11	7	18	8	21	19	26			
Pianos and organs	16	10	4	21	7	22	30	20	16	27	42	26	50	44			
Saw and planing mills	2	1	1	7	3	2	4	3	1	4	2	4	5	4			
Other wood workers	12	12	4	26	5	11	42	20	13	33	27	62	17	57			
<b>Metal and Metal Products Other than Iron and Steel.</b>																	
Brass mills	9	5	2	29	8	20	21	26	20	37	54	38	40				
Clock factories	1			1	1	2	5	3	6	4	5	7	5	12			
Copper factories				2	1	1					1	1	1	1			
Gold and silver factories				1	2	1	1			10		5	4	5			
Jewelry factories				3	4	5	5	5	1	3	7	7	2	5			
Lead and zinc factories				9	4	5	5	5		3	5	10	2	8			
Iron plate factories	4			2	4	4	3	5	3	6	2	4	3	3			
Watch factories	1	1		1	1	2	1	2	1	6	1	4	8	1			
Copper and brass				7	1	2	1	2	1	2	9	1	2	2			
Other metal workers	1	2		1	3	3	2	5	6	1	8	14	14	5			
<b>Paper.</b>																	
Box makers (paper)	20	17	15	53	27	35	54	61	39	64	48	115	82	110			
Makers of blank books, envelopes, tags and labels, paper bags	10	11	9	19	14	11	18	17	7	21	19	93	13	14			
Paper and pulp mills	5	2	4	10	3	15	12	9	6	11	5	22	14	11			
Pulp mills	3	1	1	6	2	4	10	17	11	22	16	43	46	55			
Other paper goods	2	3	1	18	8	5	14	18	15	15	8	27	9	30			

TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.

NUMBER OF TABULATABLE INJURIES.

INDUSTRIES.	Under											\$20	\$21	\$22
	\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
<b>Printing and Bookbinding.</b>														
Printing and bookbinding establishments . . . . .	51	24	4	38	13	15	28	21	11	28	11	37	11	16
	51	24	4	38	13	15	28	21	11	28	11	37	11	16
<b>Textiles.</b>														
Carpet mills . . . . .	98	95	63	176	147	218	289	306	295	409	317	406	310	275
Cotton mills . . . . .	3	2	2	8	3	1	6	8	8	11	7	11	10	9
Dyeing and finishing textiles . . . . .	46	52	33	92	86	115	155	166	167	196	154	189	115	118
Hemp and jute mills . . . . .	2	5	3	4	6	9	15	28	24	39	25	38	32	33
Knitting mills . . . . .	—	—	—	—	1	—	2	1	2	5	2	3	4	2
Lace and embroidery makers . . . . .	9	12	2	9	4	13	13	8	2	11	2	18	5	3
Linen mills . . . . .	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Print works . . . . .	2	1	1	—	1	1	4	—	—	3	3	—	1	—
Rope and cordage factories, twine . . . . .	—	—	1	4	—	3	1	6	5	7	14	8	6	1
Sail, awning and tent makers . . . . .	—	2	1	—	1	1	—	2	1	5	8	3	5	—
Silk mills . . . . .	13	4	3	10	5	6	26	14	7	15	7	18	11	8
Woolen mills, worsted mills . . . . .	11	9	11	31	33	58	52	61	57	80	84	104	98	76
Not specified textile workers . . . . .	12	8	6	18	7	11	15	12	19	34	18	38	21	19
<b>Miscellaneous Industries.</b>														
Broom and brush makers . . . . .	49	68	23	132	50	99	133	94	73	162	122	200	145	185
Button makers . . . . .	—	—	—	4	3	2	1	—	2	1	—	—	—	1
Charcoal and coke burners . . . . .	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Cigars and cigarettes . . . . .	3	4	1	—	—	2	3	2	—	—	2	1	4	—
Electric light and power companies . . . . .	1	2	—	—	1	—	2	1	4	1	4	3	4	5
Electrical supplies, machinery, apparatus . . . . .	12	19	10	39	16	24	42	28	14	34	44	55	47	45
Gas works . . . . .	1	1	—	2	—	—	—	1	—	4	8	4	8	11
Oil works . . . . .	1	1	3	—	1	—	3	—	—	7	—	—	1	16
Rubber factories . . . . .	6	15	—	27	12	27	32	28	27	61	36	60	46	50
Straw factories . . . . .	—	—	—	—	1	—	2	—	—	—	1	—	1	1
Gas and electric companies . . . . .	—	—	—	—	—	—	1	—	—	—	1	2	—	4
Turpentine distillers . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other miscellaneous industries . . . . .	25	26	9	58	15	44	47	34	26	49	27	67	34	52
<b>Water Transportation.</b>														
Water transportation . . . . .	1	—	1	—	1	—	25	2	—	6	2	20	1	—
	1	—	1	—	1	—	25	2	—	6	2	20	1	—
<b>Road, Street and Bridge Transportation.</b>														
Construction of roads, streets, etc. . . . .	12	10	2	12	4	14	30	23	12	71	220	121	115	88
Livery stables . . . . .	4	1	—	2	2	2	6	6	4	10	13	15	36	27
Truck, transfer, cab and hack companies . . . . .	—	—	—	1	—	7	1	—	—	2	—	—	1	2
Street railways . . . . .	6	7	1	10	1	1	20	8	3	43	4	62	42	35
Steam railroads . . . . .	1	1	—	—	1	3	—	2	2	14	1	1	7	11
	1	1	—	—	1	3	—	7	3	15	189	43	29	13

Express companies	Express Companies.														
	1	3	-	3	-	1	11	6	2	3	-	16	4	1	
Express companies	1	3	-	3	-	1	11	6	2	3	-	16	4	1	
Telephone and telegraph	Telephone and Telegraph.														
	29	20	10	11	5	8	3	5	4	2	5	10	3	19	
Telephone and telegraph	29	20	10	11	5	8	3	5	4	2	5	10	3	19	
Air transportation	Air Transportation.														
	-	-	-	-	-	1	-	-	-	-	-	1	-	-	
Air transportation	-	-	-	-	-	1	-	-	-	-	-	1	-	-	
Other persons in transportation	Other Persons in Transportation.														
	-	-	-	-	-	-	1	3	-	5	-	2	-	1	
Other persons in transportation	-	-	-	-	-	-	1	3	-	5	-	2	-	1	
Banking and brokerage	Trade.														
	208	108	67	281	71	161	318	165	136	427	71	488	178	373	
	3	1	3	12	1	3	6	5	-	2	2	6	2	2	
	-	-	-	1	6	2	4	1	4	1	2	4	1	3	
	1	1	11	13	9	5	18	5	9	19	7	17	5	13	
	203	105	52	248	58	147	287	152	117	395	56	452	164	344	
	-	-	-	-	-	1	-	-	-	-	-	1	1	1	
	-	1	-	-	-	-	1	-	3	10	3	5	2	5	
	-	-	-	-	-	-	-	-	2	1	1	3	3	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Professional service	Professional Service.														
	18	24	21	31	19	10	52	41	25	28	29	44	37	28	
Professional service	18	24	21	31	19	10	52	41	25	28	29	44	37	28	
Occupations not in industries	Domestic and Personal Service.														
	106	79	27	139	59	132	232	113	74	184	58	256	135	153	
	95	71	21	112	39	112	196	85	62	152	54	207	180	142	
Laundry and laundry workers	Laundry and laundry workers														
	11	8	6	27	20	20	36	28	12	32	4	49	5	11	
Grand total	854	654	332	1,390	578	1,015	1,773	1,149	970	2,151	1,255	2,756	1,770	2,447	

[illegible]



TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													Total.
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	
<b>Agriculture, Forestry and Animal Husbandry.</b>														
Agriculture . . . . .	18	129	76	16	82	38	7	96	9	27	1	6	57	820
Forestry . . . . .	12	62	58	6	37	16	1	40	6	11	—	1	1	25
Animal husbandry . . . . .	2	30	9	—	20	4	1	28	1	8	—	3	13	466
Ice harvesting . . . . .	4	4	9	2	6	4	3	7	—	3	—	1	14	153
	—	33	—	8	19	14	2	21	2	5	—	1	5	177
<b>Extraction of Minerals.</b>														
Quarrying . . . . .	5	15	9	4	21	12	8	31	11	19	7	—	—	272
	5	15	9	4	21	12	8	31	11	19	7	—	—	272
<b>Building Trades.</b>														
Hand trades . . . . .	29	490	343	199	459	231	40	747	63	421	182	29	4,124	8,000
	29	490	343	199	459	231	40	747	63	421	182	29	4,124	8,000
<b>Chemical and Allied Products.</b>														
Fertilizers . . . . .	51	46	70	21	24	39	7	36	8	14	13	3	71	684
Paints, varnish and japanning . . . . .	3	4	3	—	4	—	2	2	2	1	—	—	—	9
Powder, cartridges, fireworks, etc., makers . . . . .	4	4	5	3	2	2	1	3	2	1	2	—	13	78
Soap makers . . . . .	—	4	8	3	3	—	—	—	—	—	—	—	7	48
Other chemical workers . . . . .	34	22	14	7	7	14	—	8	1	7	2	—	—	202
	10	12	40	8	8	23	4	23	3	5	9	2	35	287
<b>Clay, Glass and Stone Products.</b>														
Brick makers . . . . .	11	44	49	15	46	24	10	57	6	20	27	8	236	655
Potteries . . . . .	—	13	18	4	19	10	1	17	1	—	7	—	12	110
Tile makers . . . . .	—	—	1	—	—	—	—	—	—	—	1	—	—	9
Glass makers . . . . .	9	2	3	—	1	1	—	5	—	—	—	—	16	55
Lime, cement and gypsum . . . . .	—	3	6	3	—	—	1	4	—	2	2	2	28	79
Marble and stone cutters . . . . .	1	14	13	4	8	5	4	16	4	5	9	1	32	127
Mica and isinglass . . . . .	1	11	8	4	18	6	4	15	1	13	6	5	145	266
	—	1	—	—	—	1	—	—	—	—	—	—	—	9
<b>Clothing.</b>														
Clothing makers . . . . .	5	14	31	7	12	6	1	32	—	7	—	—	106	540
Corset makers . . . . .	5	11	23	7	7	5	1	24	—	89	—	—	89	428
Hat makers, wool or felt . . . . .	—	—	—	—	4	1	—	7	—	10	—	—	1	10
Shirt, collar and cuff makers . . . . .	—	3	7	—	—	—	—	—	—	2	—	—	15	70
	—	—	1	—	1	—	—	1	—	—	—	—	1	32
<b>Food and Kindred Products.</b>														
Bakeries, bread and other bakery products . . . . .	64	161	299	90	102	117	27	242	33	58	45	21	376	2,615
Butter and cheese makers . . . . .	25	34	67	21	22	26	2	88	5	19	12	7	170	730
Candy and confectionery . . . . .	—	2	15	1	3	—	—	12	2	6	2	3	35	97
Fish curers and packers . . . . .	5	13	30	13	11	14	5	18	4	11	5	3	29	429
Flour and grain mills . . . . .	3	5	71	7	14	14	4	40	8	9	5	3	33	339
Fruit and vegetable canners . . . . .	—	2	2	—	—	—	—	1	—	—	2	—	—	7
	—	6	2	—	2	4	—	2	—	1	—	—	8	57

Slaughter and packing houses	16	74	86	27	35	38	10	41	8	7	11	3	65	606
Sugar makers and refiners	8	17	23	17	13	9	5	38	1	3	1	4	3	84
Other food preparers	7	8							5	2	7	1	33	266
<b>Iron and Steel and Their Products.</b>														
Agricultural implements	152	362	532	225	463	276	115	723	180	241	170	82	1,600	6,911
Automotive factories		11	70	3	28	13	2	248	7	40	10	6	256	774
Car and railroad shops		3	3	2	4	1	2	5	2	4	3	3	7	52
Foundries and metal working, tools	56	203	220	102	222	136	52	234	98	124	75	35	650	2,940
Manufacture of airplanes		1	1					1				2	2	14
Ship and boat building		20	23	19	28	42	8	37	13	13	19	14	95	413
Wagons and carriages								1						2
Other iron and steel workers	73	121	219	90	167	98	51	197	60	60	63	24	590	2,613
<b>Leather and Its Finished Products.</b>														
Harness and saddle makers and repairers	88	147	374	59	90	86	17	305	24	48	27	16	591	3,180
Leather belt, leather case, pocket-book makers			1		1					1				5
Shoes	5	12	17	5	3	1		8	1	1	2	1	18	149
Tanneries	19	45	155	16	35	40	13	184	7	26	21	10	431	1,890
Trunk makers	64	90	201	38	51	44	4	113	16	20	4	5	138	1,125
						1				1			4	11
<b>Liquor and Beverages.</b>														
Breweries	4	30	16	2	12	3	1	23		25	1	1	32	211
Distilleries										2				3
Other liquor and beverage workers	4	30	16	2	12	3	1	23		22	1	1	32	207
<b>Lumber and Its Re-manufacture.</b>														
Box makers (wood)	43	127	179	59	86	50	16	157	18	38	19	7	330	2,037
Furniture	8	34	26	19	10	8	4	12	1	4	2		9	280
Pianos and organs	17	30	57	20	19	14	7	51	9	16	9	3	129	694
Saw and planing mills	1	2	8	5	2			2		4	2		29	98
Other wood workers	15	45	71	13	22	4	1	24	2	2	2	1	30	193
					33	24	4	68	6	12	4	3	133	772
<b>Metal and Metal Products Other than Iron and Steel.</b>														
Brass mills	21	39	46	20	27	22	10	45	9	15	13	4	118	730
Clock factories	3	10	5	5	5	4		10	4	1	2		21	122
Copper factories				6	1	2			1		1		22	12
Gold and silver factories	1	7	6	2	6	3	2		1	3	3		20	74
Jewelry factories	2	4	5	2	6	4	2	9	1	3	1		88	88
Lead and zinc factories	1	5	6		1	1	3	2	2	5	1	1	19	102
Tin plate factories	7	7	11		8	4	3	14	4	4	3	2	15	117
Watch factories			6		1		1	3					8	48
Copper and brass	1	2			1	1	1	2			2		3	35
Other metal workers	4	2	4	5	1	3	2	3		1		1	5	85
	1	2	2	2	4			2		1			4	47
<b>Paper.</b>														
Box makers (paper)	111	180	132	79	75	77	39	97	39	37	23	15	253	1,897
Makers of blank books, envelopes, tags and labels, paper bags	4	7	12	11	9	8	3	12	5	8	2	2	34	321
Paper and pulp mills	6	9	9	6	1	6	5	9	3	5	5		30	218
Pulp mills	84	124	67	44	45	39	22	45	25	16	17	9	139	913
Other paper goods	1	2	2	1			9					2		8
	16	38	42	17	20	24		31	6	8	1	2	50	437

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc.* — Continued.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.												
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.
<b>Printing and Bookbinding.</b>													
Printing and bookbinding establishments	7	33	33	14	15	23	6	57	8	14	10	14	893
<b>Textiles.</b>													
Carpet mills	158	240	273	129	150	172	94	175	62	59	36	44	349
Cotton mills	3	11	14	2	8	5	2	6	2	2	1	2	19
Dyeing and finishing textiles	60	96	102	52	69	78	35	50	21	23	15	8	53
Hemp and jute mills	14	24	31	8	13	15	10	16	3	8	2	4	38
Knitting mills	4	9	8	1	1	1	—	2	4	—	—	1	1
Lace and embroidery makers	1	3	15	1	6	1	1	3	—	—	1	1	29
Linen mills	—	—	—	—	—	—	—	—	—	—	—	—	2
Print works	—	—	1	2	—	—	1	—	—	—	—	—	1
Rope and cordage factories, twine	3	2	2	—	3	2	1	5	—	—	—	2	25
Sail, awning and tent makers	1	2	1	—	—	1	—	1	—	—	—	—	7
Silk mills	—	—	1	—	—	1	—	3	—	—	—	—	84
Woolen mills, worsted mills	3	9	10	11	2	4	7	10	3	3	2	1	30
Not specified textile workers	50	72	59	38	29	51	33	52	26	17	11	23	242
	19	14	29	14	19	14	4	27	3	3	4	2	1,351
													433
<b>Miscellaneous Industries.</b>													
Broom and brush makers	123	346	392	164	239	261	131	384	143	161	128	76	1,049
Button makers	—	2	3	1	1	2	1	2	1	2	1	—	5,132
Charcoal and coke burners	—	—	1	—	—	—	—	1	—	—	—	—	31
Cigars and cigarettes	—	2	—	2	—	—	—	—	1	—	—	—	2
Electric light and power companies	6	4	3	7	1	—	—	3	1	—	—	—	8
Electrical supplies, machinery, apparatus	46	31	24	46	40	16	30	27	25	18	22	8	181
Gas works	2	39	6	17	17	39	12	22	15	16	11	39	463
Oil works	13	15	69	24	33	62	20	62	10	20	22	3	7
Rubber factories	34	68	74	37	50	28	18	72	16	16	13	11	63
Straw factories	—	—	2	—	—	—	1	—	—	—	—	—	306
Gas and electric companies	2	45	21	3	13	9	4	18	5	12	3	2	41
Turpentine distillers	—	1	—	—	—	—	—	—	—	—	—	—	185
Other miscellaneous industries	20	69	104	27	38	38	16	87	23	25	16	6	1,160
<b>Water Transportation.</b>													
Water transportation	3	28	10	11	221	16	6	37	4	5	1	3	139
	3	28	10	11	221	16	6	37	4	5	1	3	543
<b>Road, Street and Bridge Transportation.</b>													
Construction of roads, streets, etc.	46	576	414	181	433	411	89	1,177	155	314	230	93	1,813
Livery stables	9	390	104	113	293	291	33	566	96	90	147	11	2,847
Truck, transfer, cab and hack companies	11	14	252	21	102	55	26	545	13	159	48	—	3
Street railways	2	14	5	13	15	29	20	35	32	26	19	19	500
Steam railroads	24	61	49	34	22	35	10	30	14	37	15	14	629
													1,028

<b>Express Companies.</b>													
Express companies . . . . .	-	12	29	2	12	21	16	79	34	34	79	32	124 525 124 525
<b>Telephone and Telegraph.</b>													
Telephone and telegraph . . . . .	18	12	5	3	3	4	3	4	3	-	5	2	48 244 18 12 5 3 4 3 - 5 2 48 244
<b>Air Transportation.</b>													
Air transportation . . . . .	-	-	-	-	-	-	1	1	-	-	-	-	5 9 - 5 9
<b>Other Persons in Transportation.</b>													
Other persons in transportation . . . . .	1	9	15	5	14	7	8	26	12	-	16	-	12 137 1 9 15 5 14 7 8 26 12 - 16 12 137
<b>Trade.</b>													
Banking and brokerage . . . . .	199	564	976	188	448	555	110	1,067	136	280	193	76	1,851 9,695
Insurance . . . . .	2	2	5	1	8	4	1	7	2	-	-	3	19 102
Real estate . . . . .	3	4	3	4	-	3	1	6	3	1	1	2	52 118
Wholesale and retail trade . . . . .	4	20	31	3	11	11	1	48	1	5	6	2	75 351
Elevators . . . . .	154	504	907	167	402	522	104	966	124	263	182	67	1,637 8,770
Warehouses and cold storage plants . . . . .	-	-	-	-	-	-	2	5	1	-	-	-	26 38
Other persons in trade . . . . .	34	23	26	9	20	13	1	25	3	4	2	1	23 214
Clerical assistants, industry, business or profession not specified . . . . .	2	10	4	4	7	2	-	9	2	7	2	1	19 90
<b>Professional Service.</b>													
Professional service . . . . .	28	34	65	14	29	19	11	40	13	15	11	7	88 781
<b>Domestic and Personal Service.</b>													
Occupations not in industries . . . . .	58	152	283	57	101	79	16	246	28	60	35	18	439 3,319
Laundry and laundry workers . . . . .	51	139	226	53	86	65	12	206	25	49	29	14	360 2,793
Grand total . . . . .	1,243	3,790	4,651	1,564	3,164	2,549	789	5,884	998	1,912	1,272	557	14,274 61,741

TABLE VII. — *Location of Injury, by Nature of Injury, Total Tabulatable Injuries, July 1, 1929, to June 30, 1930.*

LOCATION OF INJURY.	NATURE OF INJURY.										
	Bruises, Contusions and Abrasions.	Burns and Scalds.	Concussions.	Cuts, Punctures and Lacerations.	Dislocations, Fractures.	Sprains and Strains.	All Other.	Amputations and Loss of Use.	Shocks (Electrical.)	Occupational.	Total.
Head.											
Brain . . . . .	429	376	74	966	161	4	1,699	95	—	18	3,822
Eye . . . . .	156	279	74	308	—	1	1,340	95	—	2	2,181
Both eyes . . . . .	8	69	—	—	—	1	115	—	—	15	208
Internal ear . . . . .	—	—	—	—	—	—	—	—	—	—	15
External ear . . . . .	—	—	—	—	—	—	—	—	—	—	2
Internal ear or ears . . . . .	10	9	—	32	—	—	24	—	—	1	76
Skull . . . . .	—	—	—	—	161	—	—	—	—	—	161
Scalp . . . . .	70	1	—	443	—	—	8	—	—	—	522
Head, general . . . . .	152	7	—	166	—	—	171	—	—	—	496
Head and shoulders . . . . .	33	11	—	17	—	2	24	—	—	—	87
Face and Neck.											
Forehead . . . . .	211	441	—	743	96	61	204	—	—	156	1,915
Eyelids . . . . .	52	7	—	259	—	—	16	—	—	1	335
Nose . . . . .	3	12	—	31	—	—	7	—	—	—	53
Cheek . . . . .	22	—	—	70	60	—	16	—	—	2	170
Upper jaw . . . . .	12	2	—	53	—	—	7	—	—	1	75
Lower jaw . . . . .	—	—	—	—	1	—	—	—	—	—	21
Teeth . . . . .	—	—	—	—	2	—	—	—	—	—	18
Tongue . . . . .	—	—	—	2	—	—	64	—	—	—	64
Lips and chin . . . . .	13	3	—	112	—	—	24	—	—	5	157
Face, general . . . . .	71	187	—	150	—	—	34	—	—	42	484
Neck . . . . .	16	11	—	18	—	61	25	—	—	10	141
Throat . . . . .	—	—	—	1	—	—	2	—	—	5	8
Face and hands or arms . . . . .	22	219	—	47	—	—	9	—	—	90	387
Trunk.											
Spinal cord . . . . .	1,541	60	—	121	16	8,693	1,170	—	—	15	12,287
Vertebrae . . . . .	—	—	—	—	77	—	4	—	—	—	87
Back . . . . .	568	19	—	27	—	5,723	552	—	—	2	6,891
Sternum . . . . .	—	—	—	—	3	—	—	—	—	—	3
Ribs . . . . .	—	—	—	—	545	—	—	—	—	—	549
Thorax . . . . .	296	15	—	17	—	139	122	—	—	7	596
Abdomen . . . . .	81	8	—	24	—	306	108	—	—	4	531
Groin . . . . .	37	—	—	8	—	185	47	—	—	1	278
Sacrum or coccyx . . . . .	—	—	—	—	13	—	—	—	—	—	13
Pelvis . . . . .	—	—	—	—	32	—	—	—	—	—	32







TABLE VIII. — Location and Nature of Injury, by Extent of Disability, July 1, 1929, to June 30, 1930.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Disa- bilities.	NUMBER OF CASES.									
			TEMPORARY DISABILITIES.									
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.
<b>BRUISES, CONTUSIONS AND ABRASIONS.</b>	<b>11,100</b>	<b>3</b>	<b>1,903</b>	<b>2,488</b>	<b>1,691</b>	<b>1,616</b>	<b>993</b>	<b>1,649</b>	<b>455</b>	<b>201</b>	<b>81</b>	<b>14</b>
Head.	429	—	102	96	64	55	25	56	14	10	7	—
Eye.	156	—	43	45	26	18	9	—	9	2	—	—
Both eyes.	8	—	—	1	—	—	—	1	—	3	—	—
External ear or ears.	10	—	3	—	3	3	1	—	—	—	—	—
Scalp.	70	—	15	17	8	9	2	13	3	1	2	—
Head, general.	152	—	39	32	19	19	12	22	5	3	1	—
Head and shoulders.	33	—	1	2	8	6	1	11	2	1	1	—
Face and Neck.	211	—	62	56	36	21	11	15	8	2	—	—
Forehead.	52	—	14	14	6	7	3	4	3	1	—	—
Eyelids.	3	—	3	—	—	—	—	—	—	—	—	—
Nose.	22	—	13	4	2	2	1	—	—	—	—	—
Cheek.	12	—	6	1	3	1	—	1	—	—	—	—
Lips and chin.	13	—	2	5	3	2	—	1	—	—	—	—
Face, general.	71	—	16	22	17	7	2	5	2	—	—	—
Neck.	16	—	4	3	4	1	1	1	1	1	—	—
Face and hands or arms.	22	—	4	7	1	1	4	3	2	—	—	—
Trunk.	1,541	—	180	306	251	228	144	288	84	29	26	4
Back.	568	—	65	108	89	72	43	108	41	16	22	4
Thorax.	296	—	34	46	50	50	35	64	12	3	—	—
Abdomen.	81	—	11	18	13	9	10	9	8	2	—	—
Groin.	37	—	5	8	4	7	2	10	1	—	—	—
Anus, perineum or rectum.	4	—	—	1	1	—	—	1	—	1	—	—
External generative organs.	24	—	1	5	6	6	—	5	1	—	—	—
Side or sides.	513	—	62	118	84	80	53	88	19	7	2	—
Buttocks.	18	—	2	2	4	4	—	3	2	—	—	—
Upper Extremities.	3,493	—	640	785	545	516	312	489	130	53	17	4
Shoulder.	253	—	28	68	37	29	25	46	10	5	3	2
Both shoulders.	5	—	—	3	—	—	—	—	—	—	—	—
Upper arm.	17	—	4	5	2	2	1	3	—	—	—	—
Elbow.	248	—	38	54	46	30	17	39	13	8	—	—
Forearm.	92	—	12	24	12	16	5	15	7	1	—	—
Wrist.	123	—	12	31	25	19	10	14	7	4	—	—
Both wrists.	2	—	—	1	1	—	—	—	—	—	—	—
Arm, general.	278	—	47	55	49	45	32	37	6	5	2	—
Both arms, or one arm and one hand.	34	—	3	5	8	5	5	4	3	—	—	—
Arm and leg.	99	—	9	27	13	10	12	21	3	4	—	—

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Partial Disa- bilities. bilities.	NUMBER OF CASES.									
			TEMPORARY DISABILITIES.									
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.
<b>BRUISES, CONTUSIONS AND ABRASIONS.—Con.</b>												
<b>Upper Extremities.—Con.</b>												
Hand, general	605	1	128	141	95	86	46	80	14	8	6	604
Both hands	13	—	—	4	—	1	1	4	1	2	—	13
Hand and foot	13	—	3	6	2	—	—	1	—	—	1	13
Palm	27	—	—	9	4	6	—	2	—	—	—	27
Back of hand	117	1	26	26	13	27	9	9	5	—	—	116
Thumb	358	—	81	72	57	54	37	43	9	5	—	358
Index finger	314	—	49	66	53	64	29	31	15	5	2	314
Middle finger	315	—	76	56	44	50	26	49	13	1	—	315
Ring finger	145	—	34	35	23	20	9	20	4	—	—	145
Little finger	143	—	30	33	23	13	17	19	7	1	—	143
Thumb and one finger	13	—	2	3	2	2	1	—	1	—	2	13
Thumb and two or more fingers	7	—	—	1	1	—	—	3	1	—	—	7
Two fingers	117	—	16	24	21	16	11	23	6	—	—	117
Three fingers	29	—	4	8	6	1	1	6	2	—	1	29
Four fingers	27	—	7	2	—	4	4	7	1	2	—	27
One finger, not specified	88	—	25	21	6	11	10	13	1	1	—	88
Two or more fingers on both hands	4	—	2	1	—	1	—	—	1	—	—	4
Both thumbs	2	—	—	1	—	1	—	—	—	—	—	2
One finger on each hand	5	—	1	1	2	1	—	—	—	—	—	5
<b>Lower Extremities.</b>												
Hip	5,184	3	897	1,207	758	754	489	744	207	92	28	5,180
Both hips	156	—	24	42	17	22	14	23	6	6	1	156
Upper leg	9	—	1	2	2	1	—	2	—	—	—	9
Knee	118	—	20	30	20	14	12	15	3	1	3	118
Both knees	707	—	114	162	109	88	76	98	40	13	6	707
Lower leg	43	—	12	6	4	4	6	8	1	1	—	43
Leg, general	376	2	47	67	48	63	45	63	23	13	5	374
Both legs	688	—	107	140	87	112	74	108	41	13	6	688
Ankle	129	—	14	28	15	19	17	24	7	4	1	129
Both ankles	308	—	57	70	48	44	22	45	14	7	1	308
Instep	6	—	—	—	1	1	2	1	1	—	—	6
Heel	125	—	16	27	18	18	10	31	2	3	—	125
Both heels	76	—	14	22	15	11	4	8	2	—	—	76
Foot	4	—	1	1	1	—	—	—	—	—	—	4
Both feet	1,373	1	256	330	187	210	119	193	50	22	3	1,371
Great toe	10	—	1	2	5	—	66	2	—	—	—	10
Lesser toe	703	—	122	195	117	107	74	74	12	8	1	703
One toe, not specified	128	—	37	37	20	15	5	11	2	1	—	128
One toe, not specified	57	—	18	13	8	8	4	6	—	—	—	57





TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Partial Disa- bilities. bilities.	NUMBER OF CASES.										
			TEMPORARY DISABILITIES.										
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	
BURNS AND SCALDS.—Con.													
Upper Extremities.—Con.													
Middle finger . . . . .	22	—	3	5	1	4	2	7	—	—	—	—	22
Ring finger . . . . .	11	—	2	1	1	4	4	1	1	—	—	—	11
Little finger . . . . .	11	—	1	4	—	1	2	2	—	—	—	—	10
Thumb and one finger . . . . .	14	—	—	2	—	—	—	1	—	—	—	—	4
Thumb and two or more fingers . . . . .	13	—	2	5	2	2	1	1	—	—	—	—	13
Two fingers . . . . .	24	—	2	2	4	2	3	6	3	1	—	—	24
Three fingers . . . . .	20	—	5	4	2	2	1	6	—	—	—	—	20
Four fingers . . . . .	23	—	4	5	1	7	2	3	1	—	—	—	23
One finger, not specified . . . . .	7	—	—	1	1	1	—	2	—	—	—	—	7
Two or more fingers on both hands . . . . .	3	—	—	1	1	—	—	—	—	—	—	—	3
One finger on each hand . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Lower Extremities.													
Hip . . . . .	489	—	41	68	54	73	76	130	31	11	5	—	489
Both hips . . . . .	2	—	1	—	—	—	1	—	—	—	—	—	2
Upper leg . . . . .	1	—	—	—	1	—	—	—	—	—	—	—	1
Knee . . . . .	9	—	2	1	2	1	3	1	1	—	—	—	9
Both knees . . . . .	7	—	—	1	—	—	—	—	—	—	—	—	7
Lower leg . . . . .	2	—	1	—	—	—	—	—	—	—	—	—	2
Leg, general . . . . .	20	—	—	3	2	4	4	5	1	—	—	—	20
Both legs . . . . .	67	—	9	9	7	6	5	19	10	2	—	—	67
Ankle . . . . .	53	—	2	5	9	9	7	12	4	2	3	—	53
Both ankles . . . . .	30	—	1	4	4	5	8	6	1	1	—	—	30
Instep . . . . .	5	—	—	2	1	1	—	—	—	—	—	—	5
Heel . . . . .	11	—	—	—	—	2	5	4	—	—	—	—	11
Foot . . . . .	16	—	2	2	3	2	3	3	1	—	—	—	16
Both feet . . . . .	238	—	22	37	23	40	32	65	13	4	2	—	238
Great toe . . . . .	20	—	1	2	—	1	6	10	—	—	—	—	20
Lesser toe . . . . .	3	—	—	1	1	1	—	—	—	—	—	—	3
Great toe and lesser toes or toe . . . . .	2	—	—	—	—	—	—	—	—	—	—	—	2
Two or more lesser toes . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	1
Body.													
Body, general . . . . .	81	19	6	6	5	8	6	12	6	4	7	2	62
CONCUSSIONS.													
Head.													
Brain . . . . .	74	3	—	4	7	4	6	23	10	8	6	3	71
	74	3	—	4	7	4	6	23	10	8	6	3	71
	74	3	—	4	7	4	6	23	10	8	6	3	71

## CUTS, PUNCTURES AND LACERATIONS. 17,764

CUTS, PUNCTURES AND LACERATIONS.													17,764		28	Head.												
Eye	.	.	.	.	.	.	.	.	.	.	.	.	966	2	3,366	4,148	2,741	2,728	1,492	2,290	609	236	93	31	17,734			
External ear	.	.	.	.	.	.	.	.	.	.	.	.	308	—	232	280	155	87	65	91	28	12	11	5	966			
Scalp	.	.	.	.	.	.	.	.	.	.	.	.	32	—	81	99	48	29	20	19	5	4	2	1	308			
Head, general	.	.	.	.	.	.	.	.	.	.	.	.	443	—	6	10	4	6	34	51	14	7	6	3	443			
Head and shoulders	.	.	.	.	.	.	.	.	.	.	.	.	166	—	47	56	21	11	8	17	4	1	1	1	166			
	.	.	.	.	.	.	.	.	.	.	.	.	17	—	1	3	3	1	3	2	4	—	—	—	17			
Face and Neck.																												
Forehead	.	.	.	.	.	.	.	.	.	.	.	.	743	—	197	214	107	79	53	69	12	8	1	1	741			
Eyelids	.	.	.	.	.	.	.	.	.	.	.	.	239	—	88	59	43	26	18	17	4	3	1	1	239			
Nose	.	.	.	.	.	.	.	.	.	.	.	.	31	—	6	11	1	5	—	5	1	2	—	—	31			
Cheek	.	.	.	.	.	.	.	.	.	.	.	.	70	—	18	21	8	11	4	6	6	3	—	—	68			
Tongue	.	.	.	.	.	.	.	.	.	.	.	.	53	—	16	13	8	5	5	3	3	—	—	—	53			
Lips and chin	.	.	.	.	.	.	.	.	.	.	.	.	2	—	2	2	—	—	—	—	—	—	—	—	2			
Face, general	.	.	.	.	.	.	.	.	.	.	.	.	112	—	30	41	19	10	7	5	—	—	—	—	112			
Neck	.	.	.	.	.	.	.	.	.	.	.	.	150	—	29	50	18	17	12	19	2	2	1	—	150			
Throat	.	.	.	.	.	.	.	.	.	.	.	.	18	—	4	7	4	—	1	2	—	—	—	—	18			
Face and hands or arms	.	.	.	.	.	.	.	.	.	.	.	.	47	—	5	10	6	5	6	12	2	1	—	—	47			
Trunk.																												
Back	.	.	.	.	.	.	.	.	.	.	.	.	121	—	18	29	17	21	9	13	4	4	2	1	118			
Thorax	.	.	.	.	.	.	.	.	.	.	.	.	27	—	5	6	4	3	3	2	2	1	1	—	27			
Abdomen	.	.	.	.	.	.	.	.	.	.	.	.	17	—	3	4	1	1	3	3	—	—	—	—	16			
Groin	.	.	.	.	.	.	.	.	.	.	.	.	24	—	2	6	7	4	1	3	—	—	—	—	23			
Anus, perineum or rectum	.	.	.	.	.	.	.	.	.	.	.	.	8	—	1	2	2	4	1	3	—	—	—	—	8			
External generative organs	.	.	.	.	.	.	.	.	.	.	.	.	3	—	—	—	—	—	—	—	—	—	—	—	3			
Side or sides	.	.	.	.	.	.	.	.	.	.	.	.	7	—	2	1	1	1	1	1	—	—	—	—	6			
Buttocks	.	.	.	.	.	.	.	.	.	.	.	.	20	—	4	9	1	2	1	2	1	1	—	—	20			
	.	.	.	.	.	.	.	.	.	.	.	.	15	—	3	2	1	6	1	2	1	—	—	—	15			
Upper Extremities.																												
Shoulder	.	.	.	.	.	.	.	.	.	.	.	.	12,578	—	2,222	2,702	1,939	2,058	1,147	1,790	452	166	62	19	12,557			
Both shoulders	.	.	.	.	.	.	.	.	.	.	.	.	25	—	6	5	5	4	1	4	—	—	—	—	25			
Upper arm	.	.	.	.	.	.	.	.	.	.	.	.	1	—	1	1	—	3	2	4	—	—	—	—	1			
Elbow	.	.	.	.	.	.	.	.	.	.	.	.	24	—	3	5	5	3	4	4	1	1	—	—	24			
Forearm	.	.	.	.	.	.	.	.	.	.	.	.	104	—	20	22	19	21	5	20	4	8	1	1	104			
Wrist	.	.	.	.	.	.	.	.	.	.	.	.	255	—	47	53	49	47	18	20	11	10	6	3	255			
Both wrists	.	.	.	.	.	.	.	.	.	.	.	.	388	—	73	87	68	67	26	36	11	10	6	3	387			
Arm, general	.	.	.	.	.	.	.	.	.	.	.	.	2	—	—	1	—	—	—	1	—	—	—	—	2			
Both arms, or one hand and one arm	.	.	.	.	.	.	.	.	.	.	.	.	431	—	82	103	60	59	33	62	12	9	5	2	427			
Arm and leg	.	.	.	.	.	.	.	.	.	.	.	.	41	—	2	9	5	9	4	6	3	4	1	1	41			
Hand, general	.	.	.	.	.	.	.	.	.	.	.	.	19	—	3	5	1	4	2	4	—	—	—	—	19			
Both hands	.	.	.	.	.	.	.	.	.	.	.	.	2,126	—	378	502	345	352	190	239	67	31	10	8	2,122			
Hand and foot	.	.	.	.	.	.	.	.	.	.	.	.	41	—	4	11	6	7	5	5	2	1	—	—	41			
Palm	.	.	.	.	.	.	.	.	.	.	.	.	8	—	1	4	1	—	2	—	—	—	—	—	8			
Back of hand	.	.	.	.	.	.	.	.	.	.	.	.	604	—	110	153	97	97	53	69	16	6	2	—	603			
Thumb	.	.	.	.	.	.	.	.	.	.	.	.	366	—	53	73	66	71	38	47	7	7	3	—	365			
Index finger	.	.	.	.	.	.	.	.	.	.	.	.	1,927	—	352	401	298	301	168	297	74	26	9	1	1,927			
Middle finger	.	.	.	.	.	.	.	.	.	.	.	.	2,076	—	369	428	321	343	203	300	79	23	6	1	2,073			
Ring finger	.	.	.	.	.	.	.	.	.	.	.	.	1,423	—	229	293	219	250	135	233	48	9	4	1	1,421			
Little finger	.	.	.	.	.	.	.	.	.	.	.	.	718	—	142	173	93	106	74	103	19	7	1	1	717			
Thumb and one finger	.	.	.	.	.	.	.	.	.	.	.	.	683	—	126	122	103	131	59	110	24	5	1	1	682			
	.	.	.	.	.	.	.	.	.	.	.	.	83	—	9	11	14	16	7	16	9	1	1	1	83			











TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Total Partial Disa- bilities.	NUMBER OF CASES.											Over 1 Year.	
			TEMPORARY DISABILITIES.												
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.				
SPRAINS AND STRAINS.—Con.															
Upper Extremities.—Con.															
Thumb and two fingers	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Two fingers	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Three fingers	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
One finger, not specified	9	—	2	4	—	—	—	—	1	—	—	—	—	—	—
Lower Extremities.															
Hip	3,317	—	416	957	514	385	284	471	145	92	43	10	3,317	—	—
Both hips	108	—	11	28	10	10	9	21	9	8	1	1	108	—	—
Upper leg	2	—	—	—	—	—	—	—	—	—	—	—	2	—	—
Knee	41	—	7	14	2	3	5	7	3	—	—	—	41	—	—
Both knees	581	—	37	112	82	68	64	111	44	33	24	6	581	—	—
Both legs	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Lower leg	16	—	1	5	2	1	2	3	2	—	—	—	16	—	—
Leg, general	39	—	4	10	3	10	2	5	—	4	1	—	39	—	—
Ankle	392	—	38	101	57	62	33	51	30	15	5	—	392	—	—
Both ankles	1,746	—	246	568	302	195	141	218	41	24	10	1	1,746	—	—
Instep	10	—	—	2	1	3	1	1	2	—	—	—	10	—	—
Heel	11	—	—	4	2	4	—	—	—	—	—	—	11	—	—
Foot	7	—	2	1	—	1	—	1	1	—	—	—	7	—	—
Both feet	343	—	66	106	52	27	23	47	11	8	1	2	343	—	—
Great toe	5	—	—	—	—	1	—	1	2	—	—	—	5	—	—
Lesser toe	10	—	1	6	—	—	—	2	—	—	—	—	10	—	—
One toe, not specified	3	—	—	—	1	—	—	1	—	—	—	—	3	—	—
Great toe and lesser toes or toe	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Body.															
Body, general	89	1	10	28	12	7	9	11	6	3	1	1	88	—	—
	89	1	10	28	12	7	9	11	6	3	1	1	88	—	—
ALL OTHER.															
Head.															
Eye	8,344	114	1,431	2,078	1,058	942	633	1,251	378	269	142	36	8,218	—	—
Both eyes	1,699	5	526	520	185	154	71	133	42	41	14	5	1,691	—	—
Internal ear	1,340	—	451	412	147	127	55	92	26	24	3	3	1,340	—	—
External ear	115	—	36	44	13	9	4	4	2	2	—	—	114	—	—
Internal ear or ears	15	—	3	1	4	1	1	1	1	3	—	—	15	—	—
External ear or ears	2	—	—	—	—	—	—	—	—	—	—	—	2	—	—
Scalp	24	—	3	13	1	2	1	2	1	1	—	—	24	—	—
Head, general	8	—	30	43	18	12	9	28	10	7	11	1	169	—	—
Head and shoulders	171	—	3	2	2	2	1	4	2	2	—	—	171	—	—
	24	5	3	2	2	2	1	4	2	2	—	—	19	—	—

## Face and Neck.

Forehead	204	43	74	31	18	9	17	5	5	1	1	204
Eyelids	16	4	6	4	1	-	1	-	-	-	-	16
Nose	7	1	3	2	-	-	1	-	-	-	-	7
Cheek	16	4	7	2	-	-	1	-	-	-	-	16
Teeth	7	-	5	-	-	-	1	-	-	-	-	7
Lips and chin	64	15	25	10	8	-	4	2	-	-	-	64
Face, general	24	3	11	3	2	1	1	1	3	-	-	24
Face, general	34	10	10	5	1	3	4	1	1	-	-	34
Neck	25	5	4	4	5	-	3	1	1	1	1	25
Throat	2	1	-	-	-	-	1	-	-	-	-	2
Face and hands or arms	9	-	3	1	1	3	-	-	1	-	-	9
<b>Trunk.</b>												
Spinal cord	1,170	3	276	129	105	105	212	83	59	34	10	1,159
Back	4	72	126	61	47	44	98	44	3	22	7	4
Thorax	552	13	23	18	14	16	25	3	5	4	1	549
Abdomen	122	17	27	8	8	9	14	13	3	3	1	122
Groin	108	4	11	6	3	3	12	5	2	1	-	102
Anus, perineum or rectum	47	2	2	1	-	1	-	-	-	-	-	47
External generative organs	6	2	2	1	-	1	-	-	-	-	-	6
Side or sides	58	3	11	5	10	11	10	1	7	-	-	58
Sacro iliac joint	253	31	73	28	21	18	50	16	10	3	1	251
Buttocks	2	1	1	2	2	-	3	1	1	1	-	2
Buttocks	18	3	2	-	-	3	3	1	1	-	-	18
<b>Upper Extremities.</b>												
Shoulder	2,632	358	622	383	388	246	429	101	67	32	4	2,630
Both shoulders	188	22	39	21	22	15	40	6	13	8	2	188
Upper arm	3	-	2	-	1	-	-	-	-	1	-	3
Elbow	6	1	2	-	-	-	2	-	-	-	-	6
Forearm	164	15	36	19	22	21	30	9	10	2	-	164
Wrist	58	11	17	5	5	7	9	2	2	-	-	58
Both wrists	138	17	35	22	25	10	19	5	2	2	-	137
Arm, general	1	-	-	1	-	-	-	-	-	-	-	1
Both arms, or one hand and one arm	204	26	54	38	27	16	27	9	3	4	-	204
Arm and leg	28	3	10	3	-	2	6	2	3	1	1	28
Hand, general	38	3	13	5	4	2	5	2	3	1	-	38
Both hands	488	70	108	69	76	48	81	24	8	4	-	488
Hand and foot	35	6	4	7	6	3	5	1	2	1	-	35
Palm	7	1	1	-	1	-	1	1	2	-	-	7
Back of hand	71	3	15	10	11	9	17	4	1	2	-	71
Thumb	44	9	9	7	8	1	8	1	1	-	-	44
Index finger	276	31	71	38	48	24	45	6	9	3	1	276
Middle finger	245	43	60	33	30	33	36	4	4	1	-	244
Ring finger	193	27	40	34	32	22	30	5	3	-	-	193
Little finger	111	15	31	20	15	8	12	8	2	-	-	111
Thumb and one finger	110	20	33	16	19	11	9	1	1	-	-	110
Thumb and two fingers	7	1	1	1	2	-	2	-	-	-	-	7
Two fingers	1	-	14	1	13	4	22	6	1	1	-	1
Three fingers	75	8	7	1	4	-	5	3	1	-	-	75
Four fingers	19	4	1	1	2	-	4	3	1	-	-	19
Four fingers	18	1	6	-	2	-	4	1	1	-	-	18







TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Concluded.*

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Total Dis- abilities.	NUMBER OF CASES.										Over 1 Year.
			TEMPORARY DISABILITIES.										
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.		
OCCUPATIONAL.—Con.													
Trunk.													
Back . . . . .	15	—	4	5	1	1	—	2	1	—	1	15	—
Thorax . . . . .	2	—	1	2	—	—	—	—	—	—	—	2	—
Abdomen . . . . .	7	—	—	2	1	1	—	1	—	—	1	7	—
Groin . . . . .	4	—	2	—	—	—	—	1	1	—	—	4	—
Buttocks . . . . .	1	—	1	—	—	—	—	—	—	—	—	1	—
Upper Extremities.													
Shoulder . . . . .	517	1	25	67	65	80	67	122	41	28	18	516	3
Upper arm . . . . .	3	—	—	1	—	—	—	2	—	—	—	3	—
Elbow . . . . .	1	—	—	—	1	1	—	—	1	—	—	1	—
Forearm . . . . .	2	—	2	—	2	1	—	4	—	1	—	10	—
Wrist . . . . .	10	—	—	1	1	3	1	2	—	—	1	9	—
Both wrists . . . . .	3	—	—	—	3	1	1	—	—	—	—	3	—
Arm, general . . . . .	25	—	5	6	3	5	1	2	1	—	2	23	—
Both arms, or one hand and one arm . . . . .	126	—	5	18	20	17	23	26	7	6	2	126	2
Arm and leg . . . . .	9	—	1	2	1	1	—	2	—	1	—	9	—
Hand, general . . . . .	64	—	1	9	9	16	6	8	5	6	3	63	—
Both hands . . . . .	213	—	7	24	18	30	27	63	22	11	10	213	1
Hand and foot . . . . .	3	—	—	1	—	2	—	1	—	1	—	3	—
Palm . . . . .	4	—	—	—	—	—	—	2	—	—	—	4	—
Back of hand . . . . .	1	—	1	—	—	—	—	—	—	—	—	1	—
Thumb . . . . .	8	—	1	1	2	—	1	2	1	—	—	8	—
Index finger . . . . .	4	—	—	—	2	—	—	2	—	—	—	4	—
Middle finger . . . . .	4	—	1	2	1	1	—	—	—	—	—	4	—
Ring finger . . . . .	5	—	—	—	1	1	1	1	1	—	—	5	—
Two fingers . . . . .	5	—	—	—	1	1	1	1	1	1	—	5	—
Three fingers . . . . .	4	—	—	—	—	—	2	1	1	1	—	4	—
Four fingers . . . . .	5	—	—	—	—	2	—	1	1	—	—	5	—
One finger, not specified . . . . .	2	—	—	—	—	—	—	1	1	—	—	2	—
Two or more fingers on both hands . . . . .	3	—	—	—	—	—	—	1	1	—	—	3	—
Both thumbs . . . . .	2	—	—	—	—	—	—	—	—	—	—	2	—
One finger on each hand . . . . .	2	—	1	1	—	—	—	1	1	—	—	2	—



TABLE X. — *Causes of Injuries, by Extent of Disability, July 1, 1929, to June 30, 1930.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.										DAYS LOST DUE TO —				
	TEMPORARY DISABILITIES.					PERMANENT DISABILITIES.					TEMPORARY DISABILITIES.				
	Total.	Deaths.	Permanent Total.	Disabilities.	Partial.	Total.	Deaths.	Permanent Total.	Disabilities.	Partial.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
<b>Machinery.</b>	<b>8,001</b>	<b>53</b>	<b>2</b>	<b>727</b>											
Prime Movers.															
Compressed air motors.	70	1	—	4	—	2,222	2,983	1,013	1,001	2,222	27	10	14	14	183,652
Electric motors and dynamos.	36	1	—	1	—	14	14	4	9	7	1,506	194	147	64	9,832
Gas and gasoline engines.	12	—	—	2	—	4	4	1	1	4	838	80	97	34	
Steam engines.	14	—	—	1	—	4	4	3	3	3	257	21	9	17	
Other prime movers.	4	—	—	—	—	2	2	2	—	—	198	54	32	13	
						3	3	1	1	—	62	39	—	—	
						15	50	11	10	21	151	—	9	—	
<b>POWER-TRANSMISSION APPARATUS.</b>	<b>111</b>	<b>4</b>	<b>—</b>	<b>15</b>											
Belts and pulleys.	55	1	—	6	—	26	26	6	4	12	4,254	205	113	95	
Chains and sprockets.	13	—	—	3	—	5	5	—	3	2	2,087	112	47	60	
Cogs, cams, gears, and friction wheels.	17	—	—	5	—	3	3	2	2	5	278	—	36	8	
Shafts.	26	3	—	1	—	16	16	3	1	2	1,222	35	22	20	
						14	8	1	2	2	1,767	58	8	7	
<b>FARM MACHINES.</b>	<b>14</b>	<b>—</b>	<b>—</b>	<b>1</b>											
Miscellaneous machines.	12	—	—	1	—	692	6	1	2	2	403	19	27	12	
Feed and ensilage cutting and shredding machines.	2	—	—	—	—	2	2	—	—	—	334	19	27	12	
											69	—	—	—	
<b>ENGINEERING AND CONTRACTING MACHINES.</b>	<b>179</b>	<b>1</b>	<b>1</b>	<b>10</b>											
Miscellaneous machines.	82	—	1	5	—	70	30	15	52	26,220	5,605	539	172	254	
Concrete mixers.	61	1	—	3	—	36	10	10	20	13,721	3,417	184	110	110	
Grouting machines and cement guns.	1	—	—	—	—	23	12	3	19	10,454	1,413	214	38	89	
Pile drivers.	12	—	—	1	—	1	—	—	—	5	—	—	—	5	
Road rollers.	12	—	—	—	—	1	4	3	—	1,027	277	—	—	—	
Rock drills.	18	—	—	1	—	6	4	1	6	237	164	58	—	15	
Well drills.	3	—	—	—	—	1	1	1	1	740	334	65	13	28	
											—	18	11	7	
<b>CHEMICAL PRODUCTS MACHINES.</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>											
Paints, Varnishes, Dry Colors, Inks and Dyes.	2	—	—	—	—	2	1	2	1	232	181	21	26	4	
Miscellaneous machines.	1	—	—	—	—	147	—	—	—	—	135	—	12	—	
Grinding machines.	3	—	—	—	—	81	—	—	—	—	46	21	14	—	
Pony and paint mixers.															



TABLE X. — Cause of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —										
	Total.	Deaths.	Permanent Total Disabilities.	TEMPORARY DISABILITIES.			Permanent Total Disabilities.	Deaths.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.						
				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.				7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		
<b>Machinery.—Con.</b>																
<b>Food Products Machines.—Con.</b>																
Mixing machines and kettles . . . . .	17	—	—	2	4	5	3	3	852	—	—	600	108	99	31	14
Dough mixers . . . . .	16	—	—	3	9	—	1	3	3,360	—	—	2,250	1,079	52	14	17
Shaping and forming machines . . . . .	11	—	—	3	4	3	—	1	1,492	—	—	1,200	234	—	6	6
Stamping presses (power operated) . . . . .	1	—	—	—	1	—	—	—	30	—	—	—	30	—	—	—
Tobacco working machines . . . . .	7	—	—	—	—	—	—	7	33	—	—	—	33	—	—	—
Labelling machines . . . . .	1	—	—	—	—	1	—	—	15	—	—	—	—	15	—	—
<b>METAL WORKING MACHINES.</b>																
Miscellaneous machines . . . . .	2,030	5	—	228	598	227	264	708	202,244	30,000	—	130,400	31,661	4,118	3,054	3,011
Abrasive wheels . . . . .	215	1	—	22	67	30	31	64	20,833	6,000	—	10,200	3,423	575	349	286
Bending and straightening machines and rolls . . . . .	421	1	—	12	74	40	55	239	19,306	6,000	—	7,500	3,473	734	626	973
Other metal rolls . . . . .	5	—	—	—	2	1	—	2	166	—	—	—	140	19	—	7
Bolt and nut, pipe cutting, threading and tapping machines . . . . .	1	—	—	—	1	—	—	—	26	—	—	—	26	—	—	—
Boring machines or mills (horizontal and vertical) . . . . .	11	—	—	—	3	1	2	5	186	—	—	—	112	19	28	27
Cleaning mills (tumblers and rumbler) . . . . .	9	—	—	—	3	—	4	2	198	—	—	—	139	—	48	11
Drill (drill presses) (radial and upright or goose neck) . . . . .	2	—	—	1	—	—	1	—	310	—	—	300	—	—	10	—
	156	—	—	8	39	19	25	65	9,394	—	—	6,000	2,492	345	280	277
<b>Hammers and Forging Machines.</b>																
Hammers and forging machines, N. O. C. . . . .	12	—	—	—	5	1	2	4	247	—	—	—	191	18	21	17
Drop hammers . . . . .	34	1	—	4	9	6	5	9	12,532	6,000	—	5,850	472	100	62	48
Forging hammers . . . . .	17	—	—	2	6	1	2	6	1,470	—	—	1,050	353	16	28	23
Swagging machines . . . . .	2	—	—	—	—	1	1	—	26	—	—	—	—	17	9	—
Upsetting machines . . . . .	3	—	—	1	2	—	—	—	873	—	—	600	273	—	—	—
<b>Lathes and Automatic Screw Machines.</b>																
Lathes and automatic screw machines, N. O. C. . . . .	1	—	—	—	—	—	—	1	5	—	—	—	—	—	—	5
Lathes . . . . .	147	—	—	9	44	16	18	60	9,270	—	—	6,450	2,066	280	223	231
Screw machines . . . . .	17	—	—	2	4	2	1	8	818	—	—	600	138	36	14	30
Turret lathes . . . . .	12	—	—	—	4	2	1	5	466	—	—	—	405	32	12	17





TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Continued.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				TEMPORARY DISABILITIES.	
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		
<b>Machinery.—<i>Con.</i></b>										
<i>Leather Working Machines.—<i>Con.</i></i>										
Heeling machines . . . . .	24	—	—	2	8	1,777	—	—	—	900
Trimming machines . . . . .	19	—	—	—	1	433	—	—	—	—
Dinking machines . . . . .	40	—	—	1	2	1,678	—	—	—	—
Nailers and tackers . . . . .	21	—	—	—	7	493	—	—	—	300
Skiving machines . . . . .	24	—	—	—	3	720	—	—	—	—
Grading and sorting machines . . . . .	4	—	—	—	2	709	—	—	—	—
Embossing machines . . . . .	18	—	—	7	7	16,121	—	—	—	300
					1					15,750
<i>Tanneries.</i>										
Miscellaneous machines . . . . .	166	—	—	10	41	12,081	—	—	—	6,750
Buffing drums . . . . .	72	—	—	7	21	7,466	—	—	—	5,550
Other drums and paddle vats . . . . .	12	—	—	—	10	344	—	—	—	—
Fleshing, shaving and skiving machines . . . . .	1	—	—	—	3	89	—	—	—	—
Fur-working machines . . . . .	39	—	—	2	1	1,748	—	—	—	600
Hair washing and drying machines . . . . .	1	—	—	—	10	12	—	—	—	—
Jacks-felting, glazing, rolling, etc. . . . .	2	—	—	—	1	477	—	—	—	—
Presses and baling machines . . . . .	15	—	—	1	2	1,109	—	—	—	600
Setting up or out machines . . . . .	9	—	—	—	2	15	—	—	—	—
Splitting machines . . . . .	13	—	—	—	3	209	—	—	—	—
Unhairing machines . . . . .	1	—	—	—	2	607	—	—	—	—
					4	5				
<b>WOODWORKING MACHINES.</b>										
Miscellaneous machines . . . . .	1,036	3	—	129	136	122,011	18,000	—	—	79,650
Bending machines . . . . .	103	—	—	10	118	5,725	—	—	—	3,450
Boring machines and drills . . . . .	2	—	—	—	15	44	—	—	—	—
Broom and brush making machines . . . . .	43	1	—	1	1	7,359	6,000	—	—	300
					8	220				
					1					
<i>Lathes.</i>										
Lathes, miscellaneous . . . . .	24	—	—	2	2	2,617	—	—	—	2,100
Shoe last machines . . . . .	4	—	—	—	6	121	—	—	—	—
Spoke lathes . . . . .	2	—	—	—	1	35	—	—	—	—
Mortising machines . . . . .	2	—	—	—	1	99	—	—	—	—

*Presses.*

[illegible]

*Saws.*

	280	—	30	105	39	35	71	—	—	4,996	707	403	310
Miscellaneous saws	.	—	—	—	—	—	—	—	—	—	—	—	—
Band saws :	25	1	5	10	3	2	4	—	—	29,950	56	25	21
Band re-saws	3	—	—	—	—	1	—	—	—	500	—	—	—
Jig or scroll	1	—	—	—	—	—	1	2	—	2,100	—	14	—
Saws, N. O. C.	12	—	2	5	1	2	—	—	—	600	—	—	2
Circular saws	169	1	28	68	21	14	37	914	6,000	265	17	23	9
Dado :	2	—	—	1	—	—	1	303	—	3,444	403	155	157
Spring saws	4	—	—	1	1	2	—	114	—	300	—	—	3
Shapers, N. O. C. :	17	—	1	9	3	—	5	730	—	88	16	10	—
										200	—	—	—

PAPER PRODUCTS MACHINES.

PAPER PRODUCTS MACHINES.														
Miscellaneous machines	225	—	—	22	83	36	24	60	21,517	—	14,150	6,153	269	270
Paper cup machines	82	—	6	—	34	14	12	16	6,543	—	3,150	2,926	131	81
Tube machines	4	—	1	—	1	—	—	2	1,243	—	—	32	11	11
Glueing machines	3	—	—	—	1	1	—	1	58	—	—	—	—	4
Automatic box making machines	36	—	—	—	1	—	—	2	133	—	—	128	5	5
Bag and envelope making machines	16	—	2	—	10	3	5	16	1,276	—	600	57	53	66
Corner staying machines	10	—	1	—	4	3	2	5	2,692	—	2,300	54	23	20
Covering machines	2	—	1	—	5	2	—	2	1,070	—	750	267	—	14
Cutting and punching machines, N.O.C.	11	—	2	—	7	1	1	—	64	—	—	337	13	—
Die cutters	5	—	—	—	2	1	1	2	2,471	—	2,100	72	21	5
Gullottines	2	—	—	—	1	2	—	—	114	—	—	82	—	—
Paper cutter (hand)	12	—	3	—	2	4	—	3	82	—	2,100	64	12	12
Punches (presses)	8	—	—	—	2	3	1	2	2,254	—	—	159	61	12
Rotary cutters	3	—	2	—	2	2	—	1	242	—	—	97	10	4
Saws	1	—	—	—	2	—	—	1	101	—	—	7	—	7
Shears	1	—	—	—	—	—	—	1	6	—	—	—	—	6
Doming machines	1	—	—	—	—	—	—	1	—	—	—	—	—	—
Corrugating machines (not rolls)	3	—	1	—	1	—	—	1	300	—	300	—	—	3
Ending machines	6	—	—	—	1	1	—	1	428	—	300	125	—	—
Embossing rolls or calendars	5	—	2	—	2	1	—	1	1,198	—	1,050	127	—	4
Embossing presses	1	—	1	—	3	1	—	—	833	—	300	517	—	—
Folding presses	10	—	—	—	4	—	1	—	13	—	—	16	13	—
		—	—	—	—	—	2	4	389	—	—	347	24	18
PAPER-MAKING MACHINES.														
Miscellaneous	48	1	—	5	17	5	4	16	11,987	6,000	14,850	2,845	196	155
		—	—	—	—	—	—	—	—	—	4,800	968	91	79

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.				DAYS LOST DUE TO —										
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.										
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.							
<b>Machinery.—Con.</b>									Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				
<b>PAPER-MAKING MACHINES.—Con.</b>											Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
<i>Barkers, Splitters, Grinders, N. O. C.</i>															
Grinders	2	1	1	1	1	2	1	1	—	—	—	—	24	—	6
Beaters (including rag washers)	12	1	1	1	5	2	1	2	—	—	—	—	209	35	11
Cutters and slitters	33	1	4	4	7	8	6	8	—	—	—	—	326	149	18
Paper machines, N. O. C.	2	1	1	1	1	3	1	1	—	—	—	—	40	63	33
Calenders	29	1	1	1	20	3	3	2	—	—	—	—	809	61	33
Doctors	3	1	2	2	2	1	1	1	—	—	—	—	76	10	3
Dryers	9	1	2	2	5	1	1	1	—	—	—	—	393	12	3
Rolls and winders	2	1	1	1	1	1	1	2	—	—	—	—	—	—	12
<b>PRINTING AND BOOKBINDING MACHINES.</b>															
Composing machines	196	1	16	16	74	36	21	49	—	—	—	—	4,195	633	247
Lino-types	9	1	1	1	1	1	1	1	—	—	—	—	25	19	—
Type casters	1	1	1	1	4	2	2	1	—	—	—	—	164	36	27
									17	—	—	—	—	17	7
<i>Presses.</i>															
Binding presses	7	1	1	1	2	—	1	3	—	—	—	—	100	—	14
Printing presses	94	1	6	6	42	13	11	22	—	—	—	—	2,774	235	130
Flat bed cylinder presses	3	1	2	2	1	1	1	1	—	—	—	—	25	15	3
Job platen presses	16	1	2	2	6	2	2	4	—	—	—	—	175	33	23
Web newspaper presses	5	1	1	1	3	2	2	—	—	—	—	—	306	34	—
Sewing machines	3	1	1	1	2	1	—	—	—	—	—	—	104	16	—
Wire stitchers	2	1	1	1	1	1	1	1	—	—	—	—	4,800	27	6
Other printing machines	31	1	5	5	4	8	4	10	—	—	—	—	123	136	43
Other bookbinding machines	23	1	2	2	8	5	1	7	—	—	—	—	954	92	52
									508	—	—	—	372	10	29
<b>TEXTILE MACHINES.</b>															
Miscellaneous machines	1,226	6	101	101	479	150	174	316	—	—	—	—	57,750	2,740	2,033
Washers	156	2	18	18	70	12	19	35	—	—	—	—	14,550	220	211
Dryers	7	1	3	3	3	2	3	2	—	—	—	—	3,300	—	14
Scouring machines	11	1	1	1	3	1	1	2	—	—	—	—	160	33	35
Braiding and knitting machines	4	1	1	1	1	1	5	11	—	—	—	—	31	15	8
Carding and combing machines	27	1	1	1	7	4	5	—	—	—	—	—	221	76	60
Cards	2	1	1	1	1	1	—	—	—	—	—	—	—	—	4
Combs	150	1	21	21	56	17	20	35	—	—	—	—	309	230	166
Garnett machines.	47	1	9	9	20	4	8	6	—	—	—	—	70	92	31
	24	1	2	2	5	5	2	10	—	—	—	—	1,120	31	7
									953	—	—	—	1,205	89	23
									600	—	—	—	—	—	36

Slubbers . . . . .	9	—	—	5	2	—	2	—	4	4	—	2,223	—	—	—	1,950	249	—	24	—
Speeders . . . . .	28	—	—	4	10	4	10	4	4	4	—	3,369	—	—	—	2,400	821	76	46	26
Gill box tenders . . . . .	5	—	—	1	5	—	5	—	—	—	—	312	—	—	—	300	312	—	—	12
Cloth cutting and stamping machines . . . . .	22	—	—	1	14	1	14	1	2	4	—	997	—	—	—	—	642	16	27	16
Folding machines . . . . .	16	—	—	—	7	2	7	2	2	5	—	710	—	—	—	—	634	38	22	—
Coating and infusing machines . . . . .	1	—	—	—	—	1	—	—	—	—	—	16	—	—	—	—	—	16	—	—
<i>Dyeing, Finishing and Printing Machines.</i>																				
Dyeing and finishing machines . . . . .	70	2	—	4	39	9	39	9	8	8	—	18,945	12,000	—	—	4,350	2,304	163	98	30
Shearing machines . . . . .	4	—	1	—	3	—	3	—	—	—	—	1,999	—	—	—	1,800	199	—	—	—
Lappers . . . . .	3	—	—	—	2	—	2	—	1	—	—	83	—	—	—	—	70	—	13	—
Hat-making machines . . . . .	10	—	—	—	3	2	3	2	3	2	—	176	—	—	—	300	93	36	40	7
Opening and cleaning machines, N. O. C. . . . .	2	—	1	—	—	1	—	1	—	—	—	316	—	—	—	—	—	16	—	—
Openers . . . . .	1	—	—	—	—	—	—	—	1	—	—	14	—	—	—	—	—	—	—	—
Pickers . . . . .	45	—	4	4	15	9	15	9	4	13	—	2,349	—	—	1,200	876	—	164	50	59
Rag pickers . . . . .	3	—	—	—	1	—	1	—	1	—	—	45	—	—	—	28	—	—	10	7
Presses . . . . .	4	—	1	—	1	—	1	—	—	2	—	347	—	—	300	37	—	—	—	10
Rope making machines . . . . .	2	—	—	—	—	1	—	1	—	—	—	31	—	—	—	—	—	21	—	10
Sewing machines . . . . .	30	—	—	—	4	6	4	6	6	14	—	418	—	—	—	600	177	113	76	52
Spinning machines, N. O. C. . . . .	17	—	2	—	6	1	6	1	2	6	—	848	—	—	—	600	182	15	26	25
Jacks and mules . . . . .	26	—	—	—	7	6	7	6	6	5	—	1,324	—	—	—	600	530	105	74	15
Spinning frames . . . . .	68	—	2	—	28	10	28	10	8	20	—	2,692	—	—	—	600	1,724	189	86	93
Drawing frames . . . . .	17	—	2	—	7	3	7	3	4	1	—	2,480	—	—	2,100	276	52	50	2	—
Spoolers . . . . .	20	—	—	—	11	1	11	1	1	6	—	1,541	—	—	600	877	18	13	33	33
Twisting machines . . . . .	19	—	—	—	4	1	4	1	2	11	—	2,201	—	—	1,800	309	18	22	52	32
Weaving machines, N. O. C. . . . .	20	—	—	—	10	1	10	1	2	7	—	502	—	—	—	428	18	24	24	24
Looms . . . . .	281	—	15	—	103	37	103	37	41	85	—	14,385	—	—	6,300	6,534	466	676	409	409
Wire cloth looms . . . . .	1	—	—	—	1	—	1	—	—	—	—	42	—	—	—	—	—	—	—	—
Warpers . . . . .	13	—	—	—	6	1	6	1	2	4	—	307	—	—	—	300	246	19	22	20
Winders, doublers, and quillers . . . . .	61	—	—	—	28	8	28	8	13	11	—	2,716	—	—	—	—	2,053	159	155	49
<i>RUBBER, CELLULOSE, COMPOSITION, PEARL BONE AND TORTOSE SHELL (GOVERNMENT MACHINES).</i>																				
Miscellaneous machines . . . . .	189	1	—	33	64	21	64	21	23	47	—	45,557	6,000	—	33,600	5,111	367	277	202	202
Calenders . . . . .	91	1	—	15	31	8	31	8	13	23	—	17,490	6,000	—	8,700	2,403	144	149	94	94
Comb cutting machines and ornament stagers . . . . .	6	—	—	—	2	—	2	—	1	3	—	10,064	—	—	9,000	1,007	30	10	17	17
Cutting and punching machines . . . . .	12	—	—	—	6	2	6	2	2	1	—	93	—	—	—	—	69	12	12	12
Cutting and slitting machines . . . . .	7	—	—	—	2	2	2	2	1	2	—	572	—	—	300	208	36	25	3	3
Drills (button), etc. . . . .	2	—	—	—	1	2	1	2	1	2	—	263	—	—	—	202	38	14	9	9
Grinding, washing, milling and cracking machines . . . . .	15	—	—	—	4	—	4	—	1	6	—	106	—	—	—	100	—	—	—	6
Hose making machines . . . . .	1	—	—	—	—	—	—	—	—	—	—	9,453	—	—	9,000	408	—	14	31	31
Mixers (not of calendar type) . . . . .	4	—	—	—	—	—	—	—	—	—	—	300	—	—	—	—	—	—	—	—
Presses, foot and hand operated . . . . .	9	—	—	—	1	2	1	2	—	—	—	4,500	—	—	4,050	450	—	—	—	—
Presses and punches (mechanical) . . . . .	13	—	—	—	3	4	3	4	2	5	—	382	—	—	300	32	30	—	20	20
Rubber band choppers and cutters . . . . .	1	—	—	—	—	—	—	—	—	—	—	1,910	—	—	1,650	157	74	—	4	4
Saws (button), etc. . . . .	3	—	—	—	—	—	—	—	—	1	—	14	—	—	—	—	—	—	14	14
Saws (button), etc. . . . .	2	—	—	—	1	—	1	—	—	1	—	317	—	—	300	—	—	—	14	3
Tire and tube making machines . . . . .	2	—	—	—	1	—	1	—	—	1	—	78	—	—	—	—	—	—	—	—
Tubing and hose wrapping machines . . . . .	1	—	—	—	—	1	—	—	—	—	—	15	—	—	—	—	15	—	—	—







TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Continued.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	7 Days and under.	TEMPORARY DISABILITIES.				7 Days and under.
						Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	Over 3 Weeks.	
<b>Machinery.</b> — <i>Con.</i>										
CONVEYORS.										
Air Hoists.										
Objects falling from . . . . .	193	—	—	8	54	90	19	22	7,992	237
Caught in . . . . .	11	—	—	—	—	5	—	—	851	20
Struck by load . . . . .	3	—	—	2	2	2	1	1	60	6
Other . . . . .	18	—	—	2	3	10	2	1	686	13
<i>Overhead Trolleys.</i>										
Objects falling from . . . . .	3	—	—	—	1	1	1	—	48	2
Caught in . . . . .	1	—	—	—	1	—	—	—	—	6
Struck by load . . . . .	2	—	—	—	1	1	—	—	83	2
Other . . . . .	—	—	—	—	—	—	—	—	25	—
<i>Belt and Chain Conveyors.</i>										
Objects falling from . . . . .	14	—	—	—	5	6	2	1	237	24
Caught in . . . . .	22	—	—	3	5	8	3	3	372	28
Struck by load . . . . .	8	—	—	—	2	5	—	—	565	8
Other . . . . .	38	—	—	—	15	19	1	3	1,575	58
<i>Screen Conveyors.</i>										
Objects falling from . . . . .	1	—	—	—	—	1	—	—	36	—
<i>Bucket Conveyors.</i>										
Objects falling from . . . . .	17	—	—	—	7	7	2	1	456	36
Caught in . . . . .	9	—	—	—	2	6	—	—	836	6
Struck by load . . . . .	8	—	—	—	1	3	2	2	270	7
Other . . . . .	13	—	—	—	1	9	2	1	575	6
<i>Platform Conveyors and Escalators.</i>										
Objects falling from . . . . .	1	—	—	—	—	—	—	—	—	—
Caught in . . . . .	6	—	—	1	1	1	—	—	142	2
Other . . . . .	8	—	—	—	3	2	2	1	487	18

Vehicles (not including Construction of).																4,318	74	—	41	1,835	494	623	1,251	636,345	444,000	—	43,800	126,527	9,055	7,225	5,733	
CARS AND ENGINES—STEAM AND ELECTRIC																																
RAILWAYS.																																
<i>Falls from or in</i>																																
In getting on or off, in motion																																
On getting on or off, at rest																																
While riding on, due to sudden start or stop																																
While riding on, contact with overhead structure																																
Falls																																
<i>Train Wrecks.</i>																																
Collisions																																
Derailments																																
<i>Struck By or Caught Between</i>																																
While coupling or uncoupling																																
While switching																																
While repairing cars or engines																																
While crossing track																																
While standing or walking on track																																
Miscellaneous																																
<i>Other Causes.</i>																																
Setting or releasing hand brakes																																
Objects falling from (not in loading or unloading)																																
Objects shifting on load																																
All other																																
MINE AND QUARRY CARS.																																
Derailments																																
Struck by or caught between																																
All other																																
PLANT TRUCKS ON TRACKS.																																
Braking																																
Caught between truck and overhead ob-																																
struction																																
Caught or struck by rope or chain																																
Caught by car or load in dumping																																
Collisions																																
Derailments																																
Falls from, due to sudden start or stop																																
Getting on or off																																
Lifting or pushing car																																
Riding on, contact with roof																																
Riding on, contact with rib or side structure																																
Struck by or caught between, while coup-																																
ling or switching																																
Struck by																																
Struck or caught between																																
Falls																																



## ANIMAL-DRAWN IMPLEMENTS (NOT MACHINERY)

19	1	—	—	11	2	—	5	7,150	6,000	—	—	1,089	39	—	22
16	—	—	—	7	2	2	5	612	—	—	—	537	34	19	22
Falls from, or jumping overboard . . .	6	—	—	1	1	1	3	68	—	—	—	23	18	11	22
Fall into hatchway . . . . .	1	—	—	—	—	1	—	8	—	—	—	—	—	8	—
All other . . . . .	9	—	—	6	1	—	2	536	—	—	—	514	16	—	6

## N. O. C. ALL OTHER VEHICLES.

6	—	—	—	1	—	—	5	121	—	—	—	97	—	—	24
---	---	---	---	---	---	---	---	-----	---	---	---	----	---	---	----

## Explosions, Electricity, Fires and Hot Substances.

2,672	53	1	25	863	373	426	931	417,987	318,000	6,000	31,350	46,745	6,782	4,956	4,154
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## BOILERS AND STEAM-PRESSURE APPARATUS.

Economizers and superheaters, explosions of . . . . .	3	—	—	—	—	1	2	22	—	—	—	—	—	8	14
Economizers and superheaters, all other causes . . . . .	3	—	—	1	—	—	2	49	—	—	—	44	—	—	5
Steam boilers, explosions of . . . . .	5	—	—	1	3	—	1	509	—	—	—	450	57	—	2
Steam boilers, escaping steam and hot water . . . . .	24	1	—	6	8	4	5	6,495	6,000	—	—	282	142	54	17
Steam boilers, all other causes . . . . .	16	1	—	9	1	2	3	6,579	6,000	—	—	525	19	27	8
Steam pipes, explosions of . . . . .	1	—	—	—	—	1	—	8	—	—	—	—	—	8	—
Steam pipes, all other causes . . . . .	19	—	—	7	3	3	6	401	—	—	—	284	52	39	26
Steam and hot water gauges, all other causes . . . . .	5	—	—	2	1	—	2	277	—	—	—	250	17	—	10
Other steam pressure apparatus, explosions of . . . . .	2	—	—	1	1	—	—	44	—	—	—	29	15	—	—
Other steam pressure apparatus, all other causes . . . . .	27	—	—	5	3	6	13	384	—	—	—	189	60	77	58

## EXPLOSIONS OF EXPLOSIVE SUBSTANCES.

Blasting . . . . .	15	—	—	7	2	3	3	1,164	—	—	—	1,087	37	30	10
Nisfires and delayed shot . . . . .	2	—	1	—	—	—	1	1,803	—	—	1,800	—	—	—	3
Premature shot . . . . .	1	—	—	—	1	—	—	17	—	—	—	—	17	—	—
Tamping . . . . .	1	—	—	—	—	—	1	6	—	—	—	—	—	—	6
All other . . . . .	3	2	—	—	—	1	—	12,013	12,000	—	—	—	—	13	—
Dust . . . . .	8	—	—	1	1	—	6	74	—	—	—	—	15	—	28
Explosives, manufacturing and storing . . . . .	1	—	—	—	—	—	—	21	—	—	—	31	21	—	—
Explosives, transportation and handling . . . . .	9	—	—	3	—	—	—	36,202	36,000	—	—	202	—	—	—
Gas . . . . .	57	1	—	23	5	12	16	7,860	6,000	—	—	1,569	92	131	68
Gasoline and other petroleum products . . . . .	44	3	—	19	7	10	5	20,302	18,000	—	—	2,048	131	98	25
All other . . . . .	41	2	—	13	5	7	14	13,071	12,000	—	—	841	92	77	61

## OTHER EXPLOSIONS.

Ammonia apparatus . . . . .	1	—	—	—	—	—	—	6,000	6,000	—	—	—	—	—	—
Other high pressure apparatus . . . . .	9	—	2	5	1	—	1	3,783	—	—	3,600	162	18	—	3
All other . . . . .	32	1	—	10	1	7	10	19,819	18,000	—	300	1,375	16	78	50
Electricity . . . . .	215	1	10	70	21	28	60	170,799	150,000	6,000	9,750	4,093	377	301	278
Conflagrations . . . . .	5	—	—	1	—	1	2	6,327	6,000	—	—	310	—	13	6

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				Permanent Total Disabilities.	Permanent Partial Disabilities.
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		
<b>Explosions, Electricity, Fires and Hot Substances.</b> — <i>(Con.)</i>										
Hot SUBSTANCES AND FLAMES.										
Asphalt, pitch and tar . . . . .	105	—	—	—	45	16	20	24	—	—
Flames, clothing . . . . .	42	4	—	—	20	5	3	10	—	—
All other . . . . .	207	2	—	2	68	31	43	61	—	—
Hot surfaces, contact with . . . . .	138	—	—	—	40	23	24	51	—	—
Hot water . . . . .	270	—	—	—	92	52	52	74	—	—
Metal not molten, handling of . . . . .	5	—	—	—	3	1	—	1	—	—
Metal molten, explosions of . . . . .	4	—	—	—	2	—	—	—	—	—
Molten metal, at furnace or cupola . . . . .	12	—	—	—	7	—	—	—	—	—
Molten metal, pouring . . . . .	73	—	—	—	37	5	8	3	—	—
Molten metal or slag, all others . . . . .	104	—	—	—	48	15	11	29	—	—
Oxyacetylene or electric cutting and welding . . . . .	30	—	—	—	7	2	2	19	—	—
Radiant heat from incandescent metal . . . . .	1	—	—	—	1	—	—	—	—	—
Other hot liquids . . . . .	168	—	—	—	58	19	20	70	—	—
Other hot objects . . . . .	113	—	—	—	30	10	20	53	—	—
Sand, ashes, cinders, grease, fat, flying particles . . . . .	241	—	—	—	61	33	34	111	—	—
Acids . . . . .	440	1	—	—	115	64	63	188	—	—
All other . . . . .	170	—	—	—	45	32	31	61	—	—
<b>Falls of Persons.</b>	<b>9,970</b>	<b>80</b>	<b>2</b>	<b>44</b>	<b>4,355</b>	<b>1,141</b>	<b>1,205</b>	<b>3,143</b>	<b>963,857</b>	<b>480,000</b>
FROM ELEVATIONS.										
Benches, boxes, chairs and tables . . . . .	295	—	—	3	122	40	41	89	14,716	—
Boilers, engines and machines . . . . .	88	3	—	1	38	13	11	22	22,950	—
Bridges, dams and decks (not in construction or demolition) . . . . .	2	—	—	—	2	—	—	—	525	—
Building in construction or demolition not elsewhere specified . . . . .	40	10	—	1	21	4	2	2	63,045	60,000
Cranes, derricks, elevators and hoists in erecting or rigging . . . . .	4	—	—	—	2	1	1	—	337	—
Elevated bins, pockets and tanks . . . . .	3	—	—	—	2	—	—	—	155	—
Floor, temporary . . . . .	5	—	—	—	4	1	—	—	467	—
Gangplanks . . . . .	7	—	—	—	3	1	1	2	178	—
<b>TEMPORARY DISABILITIES.</b>	<b>20,819</b>	<b>13,900</b>	<b>14,580</b>							
Over 3 Weeks.	2,165	296	227	—	2,807	24,000	—	—	—	—
2 to 3 Weeks.	1,605	93	35	—	18,929	12,000	—	—	—	—
1 to 2 Weeks.	4,385	559	493	—	2,496	—	—	—	—	—
7 Days and under.	1,569	418	288	—	5,439	—	—	—	—	—
<b>PERMANENT DISABILITIES.</b>	<b>3,529</b>	<b>963</b>	<b>623</b>	<b>324</b>	<b>188</b>	<b>164</b>	<b>21</b>	<b>—</b>	<b>25</b>	<b>8</b>
Permanent Total Disabilities.	51	—	—	—	76	—	—	—	—	—
Permanent Partial Disabilities.	253	—	—	—	281	—	—	—	—	—
<b>DEATHS.</b>	<b>1,366</b>	<b>87</b>	<b>97</b>	<b>106</b>	<b>1,656</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,800</b>	<b>—</b>
Deaths.	2,414	273	124	127	4,738	—	—	—	—	—
<b>TEMPORARY DISABILITIES.</b>	<b>324</b>	<b>36</b>	<b>25</b>	<b>89</b>	<b>474</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,800</b>	<b>—</b>
Over 3 Weeks.	155	—	—	—	155	—	—	—	—	—
2 to 3 Weeks.	2,330	347	246	326	5,049	—	—	—	—	—
1 to 2 Weeks.	1,160	191	221	236	1,828	—	—	—	—	—
7 Days and under.	3,005	594	397	487	8,083	—	—	—	—	—
<b>PERMANENT DISABILITIES.</b>	<b>5,889</b>	<b>1,164</b>	<b>810</b>	<b>800</b>	<b>21,863</b>	<b>6,000</b>	<b>—</b>	<b>—</b>	<b>3,600</b>	<b>—</b>
Permanent Total Disabilities.	2,610	562	371	277	4,120	—	—	—	—	—
Permanent Partial Disabilities.	358,958	20,819	13,900	14,580	963,857	480,000	12,000	63,600	4,200	1,800
<b>TEMPORARY DISABILITIES.</b>	<b>8,861</b>	<b>751</b>	<b>487</b>	<b>417</b>	<b>22,950</b>	<b>18,000</b>	<b>—</b>	<b>—</b>	<b>1,800</b>	<b>—</b>
Over 3 Weeks.	2,480	241	123	106	—	—	—	—	—	—
2 to 3 Weeks.	—	—	—	—	525	—	—	—	—	—
1 to 2 Weeks.	—	—	—	—	—	—	—	—	—	—
7 Days and under.	—	—	—	—	—	—	—	—	—	—
<b>PERMANENT DISABILITIES.</b>	<b>2,340</b>	<b>71</b>	<b>24</b>	<b>10</b>	<b>63,045</b>	<b>60,000</b>	<b>—</b>	<b>—</b>	<b>600</b>	<b>—</b>
Over 3 Weeks.	309	15	13	—	337	—	—	—	—	—
2 to 3 Weeks.	153	—	—	—	467	—	—	—	—	—
1 to 2 Weeks.	449	18	—	—	—	—	—	—	—	—
7 Days and under.	145	17	8	—	178	—	—	—	—	—



*Ladders.*

Breaking of ladder or parts	66	-	-	40	8	2	16	4,813	-	-	-	4,582	142	21	68
Shipped, twisting or fall of ladder	266	3	1	144	24	16	76	40,900	18,000	6,000	2,400	13,516	455	190	339
Knocked off ladder	2	-	-	-	-	1	1	17	-	-	-	-	-	14	-
All other	550	7	-	270	65	51	154	72,317	42,000	-	6,000	21,821	1,179	612	705
Loading platforms	75	1	-	34	10	9	20	11,763	6,000	6,000	3,000	2,855	174	101	103
Piles	87	-	1	46	11	11	17	11,026	-	-	600	4,014	202	138	72
Poles and trees	99	-	-	59	8	5	17	42,970	36,000	-	-	6,636	141	105	88
Roofs	86	-	1	53	5	5	16	45,718	36,000	-	2,400	7,089	91	56	82
Runways, balconies and platforms (not loading platforms)	113	-	2	51	17	10	31	22,766	12,000	-	5,700	4,508	304	116	138

*Scaffolds and Slagings.*

Breaking or shipping	158	3	-	101	12	20	18	33,910	18,000	-	2,100	13,256	230	245	79
Breaking of tackle or support	16	1	-	8	-	2	5	7,476	6,000	-	-	1,426	-	26	24
Tilting or falling	4	-	-	4	4	-	-	931	-	-	-	931	-	-	-
Tilting of scaffold of loose plank	50	1	-	19	4	7	19	8,861	6,000	-	-	2,622	73	77	89
All other	337	13	-	197	25	34	64	105,415	78,000	-	3,600	22,683	447	383	302
Stairs and steps	1,594	7	-	650	173	216	545	111,112	42,000	-	2,700	58,302	3,160	2,478	2,472
Trunways and trestles	6	-	3	4	1	1	-	473	-	-	-	448	17	8	-
Windows and wall openings	40	4	-	21	2	3	8	32,604	24,000	-	6,000	2,500	32	39	33
All other	343	4	-	142	38	45	113	37,328	24,000	-	600	10,997	696	516	519

## INTO EXCAVATIONS, PITS AND SHAFTS.

Bins and vats, containing hot or corrosive substances	8	1	-	6	1	-	-	6,379	6,000	-	-	359	20	-	-
Bins and vats, all other	59	-	-	25	7	7	20	2,093	-	-	-	1,800	128	80	85
Floor openings (not elevator shafts)	154	1	-	63	16	26	47	11,894	6,000	-	900	4,174	289	310	221
Nailholes	11	-	-	4	2	1	4	545	-	-	-	479	35	14	17
Excavations	143	2	-	77	16	15	33	20,087	12,000	-	-	7,449	292	175	171

## ON LEVEL.

Shipping	2,906	4	-	1,273	371	373	937	138,746	24,000	-	9,900	87,352	6,794	4,243	4,457
Stumbling over fixed objects	199	-	-	89	36	22	52	8,040	-	-	-	6,916	638	247	239
Stumbling over loose objects	876	-	-	288	103	102	360	33,004	-	-	7,200	21,122	1,878	1,186	1,618
All other	70	-	-	275	84	102	287	22,680	-	-	1,500	17,133	1,523	1,172	1,352
Slipping on wet floors	488	1	-	218	42	59	167	29,616	6,000	-	2,400	18,996	766	693	761

**Stepping on or Striking against Objects. 4,911**

Nails	1,362	1	-	138	163	206	852	22,756	6,000	-	1,050	6,902	2,905	2,349	3,550
All other sharp objects	207	-	-	43	23	39	102	3,564	-	-	-	2,223	440	440	461

## STRIKING AGAINST OBJECTS.

Fellow-employee	63	1	-	18	8	9	27	7,500	6,000	-	-	1,144	149	97	110
Nails	384	3	-	71	56	60	195	7,389	-	-	1,200	3,568	978	723	920
Other fixed objects	1,119	4	-	396	152	180	387	51,740	18,000	6,000	-	21,240	2,805	2,080	1,615
Splinters or sharp projections from walls or structures	364	1	-	106	54	65	136	18,743	6,000	-	4,800	5,629	981	755	578
All other objects	1,442	-	-	461	206	187	581	42,696	-	-	8,700	25,516	3,786	2,156	2,538

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —								
	Total.	Deaths.	Permanent Disabilities.	TEMPORARY DISABILITIES.			Permanent Partial Disabilities.	Deaths.	Permanent Total Disabilities.	TEMPORARY DISABILITIES.				
				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.				7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
<b>Falling Objects (not being handled by Injured).</b>	<b>3,136</b>	<b>15</b>	<b>28</b>	<b>1,340</b>	<b>404</b>	<b>395</b>	<b>954</b>	<b>224,570</b>	<b>90,000</b>	<b>22,500</b>	<b>95,907</b>	<b>7,370</b>	<b>4,644</b>	<b>4,149</b>
COLLAPSE OF														
Building and walls . . . . .	15	1	—	7	2	1	4	7,638	6,000	—	1,573	39	8	18
Chutes, conveyors and slides . . . . .	8	—	—	6	—	1	1	658	—	—	614	—	8	6
Piles (stacked, stored or piled up material) . . . . .	41	1	—	21	5	3	11	7,733	6,000	—	1,568	86	36	43
Scaffolds or stagings . . . . .	14	—	—	7	2	1	4	339	—	—	274	36	12	17
All other . . . . .	26	—	—	10	1	1	14	883	—	—	793	16	10	64
<b>FROM ELEVATIONS.</b>														
Bins and pockets . . . . .	2	—	—	1	—	—	1	31	—	—	27	—	—	4
Buildings in course of construction or demolition . . . . .	59	2	2	26	11	10	8	17,692	12,000	—	3,252	185	125	30
Buildings not in course of construction or demolition . . . . .	4	—	—	1	2	1	—	86	—	—	36	39	11	—
Chutes, conveyors, slides and screens . . . . .	34	—	—	18	5	4	7	1,701	—	—	1,526	96	43	36
Floor openings—in building construction . . . . .	2	—	—	1	—	1	—	79	—	—	71	—	8	—
Floor openings—in elevator shafts) . . . . .	1	—	—	—	—	—	1	2	—	—	—	—	—	—
Machines and workbenches . . . . .	474	1	5	189	78	71	131	18,773	6,000	6,000	9,924	1,453	847	549
Piles (stacked, stored or piled up material) . . . . .	109	1	—	45	12	16	34	10,432	—	300	3,592	220	183	137
Racks or shelves . . . . .	48	—	—	14	7	8	19	1,540	—	—	1,227	127	102	84
Runways, balconies and platforms . . . . .	23	—	—	7	4	3	9	674	—	—	530	73	28	43
Scaffolds and stagings . . . . .	42	—	—	15	4	5	18	1,563	—	—	1,356	78	61	68
Other elevations . . . . .	891	2	9	349	104	110	317	44,115	12,000	5,400	22,146	1,871	1,277	1,421
Objects dropped by person other than injured person . . . . .	178	—	1	85	21	16	55	6,291	—	300	5,176	375	198	242
<b>TREES.</b>														
Limbs, not in felling trees . . . . .	11	—	—	3	3	1	4	193	—	—	109	56	11	17
Trees in felling . . . . .	34	1	1	20	5	2	5	9,451	6,000	600	2,719	94	24	14
Trees, kick backs of, in felling . . . . .	3	—	—	2	—	—	1	173	—	—	170	3	—	3
Trees, not in felling . . . . .	6	—	—	4	—	—	2	1,064	—	—	1,051	—	—	13
Objects tipping over . . . . .	788	2	6	325	108	108	239	40,361	12,000	2,100	22,010	1,960	1,279	1,012

## INTO EXCAVATIONS.

Ditches and trenches . . . . .	74	-	-	-	40	5	6	23	3,325	-	-	-	3,049	99	63	114
Other excavations (not tunnels, mines or quarries) . . . . .	28	-	-	-	15	4	3	6	1,278	-	-	-	1,150	70	33	25
CAVE-INS, (NOT MINES OR QUARRIES).																
Ditches and trenches . . . . .	130	3	-	1	80	12	16	18	28,398	18,000	-	2,400	7,500	223	187	88
Tunnels . . . . .	2	1	-	1	1	-	-	-	6,042	6,000	-	-	42	-	-	-
Other excavations . . . . .	38	-	-	1	22	1	1	13	2,803	-	-	300	2,411	21	11	60
In mines and quarries—inside . . . . .	51	1	-	1	26	8	6	9	11,252	6,000	-	3,000	1,981	153	79	39
<b>Handling of Objects.</b>	<b>19,105</b>	<b>24</b>	<b>-</b>	<b>164</b>	<b>7,274</b>	<b>2,643</b>	<b>2,481</b>	<b>6,519</b>	<b>776,927</b>	<b>144,000</b>	<b>-</b>	<b>87,600</b>	<b>438,521</b>	<b>48,299</b>	<b>28,883</b>	<b>29,624</b>
HEAVY OBJECTS.																
Caught between object handled, and other object . . . . .	1,709	1	-	54	578	261	214	601	63,962	6,000	-	19,500	28,654	4,720	2,518	2,570
Objects dropped . . . . .	2,619	3	-	17	1,053	360	287	919	106,589	18,000	-	16,200	58,720	6,620	3,331	3,968
Objects falling from pile (while piling or unpling) . . . . .	189	-	-	1	97	28	20	43	6,701	-	-	300	5,445	501	241	214
Objects thrown . . . . .	200	-	-	4	57	34	26	79	7,260	-	-	2,700	3,281	641	319	319
Strain in handling . . . . .	6,543	5	-	4	3,175	767	775	1,817	284,431	30,000	-	2,400	219,767	14,189	8,986	9,089
Handled . . . . .	1,406	-	-	9	416	179	191	611	31,802	-	-	3,600	19,876	3,267	2,199	2,860
Objects falling from load (while loading or unloading) . . . . .	708	2	-	5	289	93	97	222	35,402	12,000	-	1,500	18,127	1,690	1,119	966
SHARP OR ROUGH OBJECTS.																
Bones . . . . .	183	1	-	2	42	36	32	70	9,766	6,000	-	600	1,798	651	396	321
Castings . . . . .	18	-	-	-	8	2	4	4	383	-	-	-	301	32	37	13
Glass . . . . .	541	1	-	6	114	83	87	250	16,765	6,000	-	1,800	5,410	1,489	1,035	1,031
Protruding nails in objects handled . . . . .	500	1	-	5	119	76	79	220	16,526	6,000	-	1,800	5,506	1,344	938	938
Protruding wires . . . . .	360	2	-	6	82	69	46	155	25,737	12,000	-	6,600	4,613	1,262	544	718
Sheet metal and sheet metal objects . . . . .	520	3	-	9	129	94	78	207	31,182	18,000	-	4,200	5,486	1,722	870	904
Slivers, metal . . . . .	368	-	-	9	108	69	47	135	11,420	-	-	3,600	5,418	1,261	540	601
Slivers, wood . . . . .	1,057	2	-	19	278	163	177	418	43,584	12,000	-	12,000	12,804	2,941	2,070	1,769
All others . . . . .	763	2	-	8	195	124	132	302	28,612	12,000	-	2,700	8,859	2,219	1,533	1,301
HAND TRUCKS, CARTS AND WHEEL-BARROWS.																
Caught between truck and other object . . . . .	199	-	-	3	78	26	30	62	11,672	-	-	6,300	4,283	475	350	264
Object falling from (not in loading or unloading) . . . . .	146	-	-	-	59	17	20	50	4,212	-	-	-	3,438	318	237	219
Overturning . . . . .	74	-	-	1	40	6	11	16	3,677	-	-	1,200	2,172	108	127	70
Struck by truck handled by injured person . . . . .	349	1	-	1	108	65	49	125	14,730	6,000	-	300	6,121	1,199	561	549
Struck by truck handled by co-worker . . . . .	140	-	-	-	54	21	23	42	4,270	-	-	-	3,426	385	280	179
All other . . . . .	513	-	-	1	215	70	56	171	17,994	-	-	300	15,016	1,265	652	761
<b>Hand Tools.</b>	<b>4,839</b>	<b>4</b>	<b>1</b>	<b>81</b>	<b>1,200</b>	<b>651</b>	<b>702</b>	<b>2,200</b>	<b>216,333</b>	<b>24,000</b>	<b>6,000</b>	<b>94,650</b>	<b>62,393</b>	<b>11,873</b>	<b>8,132</b>	<b>9,285</b>
IN HANDS OF INJURED WORKER.																
Breaking or coming apart of tool . . . . .	102	1	-	3	25	19	11	43	16,084	6,000	-	8,100	1,299	353	136	196
Flying particles set in motion by tool not specified . . . . .	174	-	1	8	31	16	12	106	22,862	-	-	14,400	1,640	288	130	404
Metal chips . . . . .	340	-	-	16	52	39	38	193	33,119	-	-	27,600	3,568	703	452	796

TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Concluded.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —								
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.		
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.					7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.
Hand Tools.— <i>Con.</i>														
IN HANDS OF INJURED WORKER.— <i>Con.</i>														
Nails and spikes . . . . .	51	—	3	10	5	8	6,347	—	5,400	674	87	97	89	
Stone . . . . .	161	—	29	35	21	73	11,873	—	9,000	1,877	377	301	318	
Glancing or slipping of tool in use . . . . .	2,920	2	5	697	395	451	78,976	12,000	15,600	33,205	7,193	5,261	5,717	
All other . . . . .	813	1	8	252	119	122	28,540	6,000	4,050	13,561	2,203	1,386	1,340	
IN HANDS OF FELLOW WORKER.														
Flying particles set in motion by tool, not specified . . . . .	8	—	1	1	—	2	1,902	—	1,800	59	—	22	21	
Metal chips . . . . .	9	—	3	—	2	—	3,955	—	3,900	—	36	—	19	
Nails and spikes . . . . .	1	—	—	—	—	—	2	—	—	—	—	—	2	
Stone . . . . .	9	—	—	4	1	2	451	—	—	409	15	21	6	
Breaking or coming apart of tool . . . . .	3	—	—	1	—	—	37	—	—	23	—	11	3	
Glancing or slipping of tool in use . . . . .	196	—	5	75	27	67	11,170	—	4,800	5,346	488	252	284	
All other . . . . .	52	—	—	17	7	6	1,015	—	—	732	130	63	90	
<b>Animals.</b>	<b>326</b>	<b>4</b>	<b>4</b>	<b>142</b>	<b>37</b>	<b>39</b>	<b>37,607</b>	<b>24,000</b>	<b>2,700</b>	<b>9,323</b>	<b>664</b>	<b>453</b>	<b>467</b>	
DRAFT ANIMALS.														
Bites . . . . .	34	—	1	6	5	6	798	—	300	283	87	69	59	
Kicks and stepped on . . . . .	150	4	1	72	17	40	29,301	24,000	300	4,532	306	178	185	
Runways . . . . .	20	—	—	15	3	1	1,962	—	—	1,891	50	14	7	
All other . . . . .	66	—	1	36	9	9	4,168	—	1,800	2,032	163	114	59	
All other animals . . . . .	34	—	1	9	2	3	937	—	300	475	37	33	92	
Insects . . . . .	22	—	—	4	1	4	241	—	—	110	21	45	65	
<b>Miscellaneous Causes.</b>	<b>3,318</b>	<b>18</b>	<b>25</b>	<b>825</b>	<b>366</b>	<b>467</b>	<b>191,384</b>	<b>108,000</b>	<b>16,350</b>	<b>47,707</b>	<b>6,749</b>	<b>5,421</b>	<b>7,157</b>	
Cold, including frostbites . . . . .	35	—	1	13	4	5	1,227	—	300	733	76	65	53	
Compressed air (not explosions) . . . . .	2	—	—	2	—	—	225	—	—	225	—	—	—	
Doors, windows, covers and gates exclusive of elevators . . . . .	640	1	10	184	83	98	23,268	6,000	3,600	9,871	1,510	1,167	1,120	
Drenching (not drowning) . . . . .	6	—	—	2	1	1	6,353	6,000	—	318	21	11	3	
Flying particles, not specified . . . . .	527	—	4	76	54	73	14,332	—	7,200	4,246	1,012	813	1,261	
Heat prostration and sunstroke . . . . .	31	1	—	8	2	3	7,061	6,000	—	923	36	34	68	
Lightning . . . . .	1	—	—	1	—	—	43	—	—	43	—	—	—	
Violence, co-employee . . . . .	16	—	—	1	1	1	905	—	—	840	18	13	34	
Violence, all other . . . . .	55	—	2	14	5	6	3,925	—	2,550	1,103	89	63	120	

TABLE XI.—Machinery—Frequency of Injuries, by Manner of Occurrence and by Part of Machine, July 1, 1929, to June 30, 1930

MANNER OF OCCURRENCE.	PART OF MACHINE ON WHICH ACCIDENT OCCURRED.										
	Point of Operation.	Belts.	Crank or Eccentrics.	Flywheels.	Gears.	Set Screws, Keys and Bolts.	Counter weights.	All other.			
Wrestling, sparring and horseplay . . . . .	10	—	—	—	—	—	—	21	—	29,355	47
All other . . . . .	1,979	516	276	84,000	—	—	3,966	3,208	4,415	—	36
Asphyxiation . . . . .	16	2	4	6,000	—	—	—	—	—	50	—
<b>Occupational Diseases.</b>	<b>1,115</b>	<b>516</b>	<b>156</b>	<b>78,000</b>	<b>—</b>	<b>17,400</b>	<b>2,756</b>	<b>1,846</b>	<b>1,179</b>	<b>39,340</b>	<b>484</b>
All other . . . . .	324	129	47	19,819	—	3,000	854	567	484	411	—
Anthrax . . . . .	8	7	—	1,011	—	600	—	—	—	15,967	—
Dermatitis . . . . .	334	216	46	39	—	—	—	—	—	1,203	202
Eczema . . . . .	34	18	10	17,429	—	—	—	—	—	1,203	13
Lead poisoning . . . . .	74	57	4	24,430	—	—	—	—	—	5,530	10
Poison ivy . . . . .	185	50	33	9,710	—	—	—	—	—	2,319	252
Tuberculosis (including stone cutter's consumption) . . . . .	34	8	—	50,300	—	12,000	—	—	—	2,300	—
Gas . . . . .	91	22	13	14,552	—	600	—	—	—	1,492	186
Benzol . . . . .	1	1	—	300	—	—	—	—	—	300	—
Carbon monoxide gas . . . . .	30	8	7	1,046	—	600	—	—	—	874	32
<b>Grand total . . . . .</b>	<b>61,741</b>	<b>22,566</b>	<b>7,937</b>	<b>4,803,557</b>	<b>42,000</b>	<b>885,700</b>	<b>1,475,295</b>	<b>144,923</b>	<b>95,702</b>	<b>95,937</b>	<b>—</b>

MANNER OF OCCURRENCE.	PART OF MACHINE ON WHICH ACCIDENT OCCURRED.										
	Point of Operation.	Belts.	Crank or Eccentrics.	Flywheels.	Gears.	Set Screws, Keys and Bolts.	Counter weights.	All other.			
Adjusting machine, tool or work . . . . .	377	103	3	3	24	5	—	—	—	74	—
Starting, stopping or operating machine . . . . .	3,490	54	45	8	71	3	—	—	—	230	—
Cleaning or oiling machine . . . . .	266	37	—	1	65	—	—	—	—	129	—
Repairing machine . . . . .	55	20	—	1	11	—	—	—	—	37	—
Breaking of machine tool, or work . . . . .	158	27	4	—	3	—	—	—	—	49	—
Flying objects . . . . .	622	3	1	2	1	1	1	1	1	27	—
All other . . . . .	223	42	16	3	43	5	—	—	—	1,658	—
<b>Grand total . . . . .</b>	<b>5,191</b>	<b>286</b>	<b>69</b>	<b>18</b>	<b>218</b>	<b>14</b>	<b>1</b>	<b>2,204</b>	<b>—</b>	<b>—</b>	<b>—</b>



TABLE XII. — Study showing Conditions of Dependents in Uninsured Fatal Cases, July 1, 1929, to June 30, 1930.

Industries.	Occupation.	Age.	Wage.	Amount payable in Analogous Cases.	Dependents	Settlement.	Financial Condition.
Steam railroad	Crossing tender	69	\$21 30	\$250 00	None	—	Widower, no dependents.
Telephone and telegraph	Lineman	25	30 00	250 00	None	—	Single man, no dependents.
Hospital	Extractor man	67	17 00	4,000 00	Widow	\$520 00	Employer to pay widow ten dollars (\$10.00) a week for one year. Very poor financial condition.
Steam railroad	Laborer	45	19 20	250 00	None	—	Single man, no dependents.
Manufacturers of pig iron	Furnace man	43	31 50	6,400 00	Widow and five children	4,500 00	Fair financial circumstances.
Steam railroad	Track foreman	54	25 00	4,800 00	Widow and one child	—	No further information available.
Hospital	Engineer	27	30 00	250 00	None	—	Single man, no dependents.
Teaming	Laborer	42	27 00	4,000 00	Widow	None	Very poor circumstances.
Steam railroad	Fireman	46	40 00	4,000 00	Widow	None	Very poor financial condition.
Painting	Painter	45	40 00	4,000 00	Widow	1,000 00	No further information available.
Express	Flourman	30	39 00	4,000 00	Widow	—	Poor financial condition.
Steam railroad	Signal maintainer	65	38 16	250 00	None	—	Widower, no dependents.
Steam railroad	Yard helper	26	39 72	250 00	None	—	Single man, no dependents.
Manufacturing of explosives	Laborer	45	20 00	5,600 00	Widow and two children	6,400 00	Very good financial circumstances.
Manufacturing of explosives	Teamster	23	24 00	1,500 00	Widow	6,400 00	Widow has remarried. No further information available.
Manufacturing of explosives	Laborer	49	20 00	250 00	None	300 00	Single man, no dependents.
Steam railroad	Conductor	51	50 00	4,800 00	Widow and one child	—	No further information available.
Steam railroad	Bridgeman	26	28 32	5,600 00	Widow and two children	—	Fair financial circumstances.
Steam railroad	Section apprentice	43	25 34	4,000 00	Two children	—	Widower, two children in Russia. No further information available.
Manufacturing of explosives	Laborer	21	25 00	250 00	None	—	Single man, no dependents.
Dealer in used cars	Laborer	38	40 00	6,400 00	Widow and four children	None	Very poor financial circumstances.
Express	Car sorter and loader	37	33 06	5,600 00	Widow and two children	None	No further information available.
Dealer in used cars	Porter	35	20 00	4,000 00	Widow	—	No further information available.
Telephone and telegraph	Messenger	16	8 00	2,665 00	Parents	None	No further information available.
Ice delivery	Helper	50	30 00	250 00	None	—	Single man, no dependents.
Steam railroad	Car inspector	47	40 88	250 00	Widow and one child	—	No further information available.
Window cleaner	Helper	35	30 00	6,400 00	Widow and seven children	—	Dependents receiving help from city.
Cabinet maker	Apprentice	16	3 00	2,000 00	Father and mother	—	Suit pending.
Manufacturing of coke	Carpenter	81	30 00	250 00	None	—	Suit pending. Very poor financial condition.
Hospital	Kitchen worker	20	21 00	250 00	None	—	Single, no dependents.
Steam railroad	Laborer	60	19 20	250 00	None	—	No further information available.
Building contractor	Laborer	50	32 00	4,000 00	Widow	—	No further information available.
Steam railroad	Section laborer	50	19 20	4,800 00	Widow and one child	1,000 00	Settled for \$1,000.00. Very poor financial condition.
Steam railroad	Freight trainman	38	53 87	6,400 00	Widow and three children	—	No further information available.
Steam railroad	Assistant painter foreman	43	33 06	5,600 00	Widow and two children	None	Suit pending. Very poor circumstances. Receiving aid from town.



TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1929, to June 30, 1930.*

INDUSTRIES.	CONJUGAL CONDITIONS.				DEPENDENCY.		
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.		NUMBER OF PERSONS.
					Whole De- pendency.	Partial De- pendency. No De- pendency.	
<b>Agriculture, Forestry, and Animal Husbandry.</b>	3	3	—	—	2	3	3
Agriculture . . . . .	1	3	—	—	2	1	3
Forestry . . . . .	1	—	—	—	—	1	1
Animal husbandry . . . . .	1	—	—	—	—	1	2
<b>Extraction of Minerals.</b>	—	3	—	—	3	—	5
Quarrying . . . . .	—	3	—	—	3	—	5
<b>Building Trades.</b>	24	43	4	1	48	16	132
Hand trades . . . . .	24	43	4	1	48	16	132
<b>Chemical and Allied Products.</b>	2	4	—	—	5	—	10
Powder, cartridges, fireworks, etc., makers . . . . .	2	2	—	—	3	—	6
Other chemical workers . . . . .	—	2	—	—	2	—	4
<b>Clay, Glass and Stone Products.</b>	—	4	2	—	5	—	10
Brickmakers . . . . .	—	1	—	—	1	—	2
Marble and stone cutters . . . . .	—	3	2	—	4	—	8
<b>Food and Kindred Products.</b>	—	4	—	—	4	—	10
Candy, confectionery . . . . .	—	1	—	—	1	—	1
Slaughtering and packing houses . . . . .	—	2	—	—	2	—	4
Other food preparers . . . . .	—	1	—	—	1	—	5
<b>Iron and Steel and Their Products.</b>	6	17	4	—	19	3	41
Automobile factories . . . . .	3	2	—	—	3	1	5
Car and railroad shops . . . . .	—	1	—	—	1	—	2
Foundries and metal working, tools . . . . .	1	5	1	—	5	1	14
Ship and boat building . . . . .	—	3	—	—	3	—	6
Other iron and steel workers . . . . .	2	6	3	—	7	1	15
<b>Leather and Its Finished Products.</b>	1	4	1	—	3	1	4
Shoes . . . . .	—	1	—	—	—	1	—
Tanneries . . . . .	1	3	1	—	3	1	4

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, etc.* — Concluded.

INDUSTRIES.	CONJUGAL CONDITION.			DEPENDENCY.			
	Single.	Married.	Widowed. Divorced.	Whole De- pendency.	Partial De- pendency.	No De- pendency.	Whole De- pendents. Partial De- pendents.
<b>Lumber and Its Re-manufacture.</b>							
Box makers (wood)	2	5	—	6	—	1	23
Furniture	—	1	—	1	—	—	2
Other wood workers	2	3	—	4	—	1	15
	—	1	—	1	—	—	6
<b>Metal and Metal Products Other Than Iron and Steel.</b>							
Lead and zinc factories, plumbers' supplies	1	2	1	3	1	—	7
Tin-plate factories	—	1	—	1	—	—	5
Copper and brass factories	1	1	—	1	—	—	1
	—	1	1	1	1	—	1
<b>Paper.</b>							
Paper and pulp mills	2	4	—	4	2	—	8
Other paper goods	1	2	—	2	1	—	2
	1	2	—	2	1	—	1
<b>Printing and Bookbinding.</b>							
Printing and publishing establishments	—	2	—	2	—	—	6
	—	2	—	2	—	—	6
<b>Textiles.</b>							
Cotton mills	4	15	1	15	4	1	29
Dyeing and finishing textiles	2	8	1	9	2	—	16
Print works	2	1	—	1	2	—	3
Woolen mills	—	1	—	1	—	—	1
Not specified textile workers	—	4	—	3	—	1	4
	—	1	—	1	—	—	7
	—	—	—	—	—	—	1
<b>Miscellaneous Industries.</b>							
Cigars and tobacco	11	25	1	27	10	—	57
Electric light and power companies	—	1	—	1	—	—	7
Electrical supplies	1	6	—	6	—	—	10
Gas works	1	7	—	7	1	—	12
Oil works	—	—	1	1	—	—	1
Rubber factories	2	4	—	4	—	—	1
Gas and electric companies	2	2	—	2	2	—	10
Other miscellaneous industries and occupations	1	3	—	3	2	—	6
	4	2	—	3	3	—	8
	—	—	—	—	—	—	1
	—	—	—	—	—	—	4
<b>Transportation, Road, Etc.</b>							
Water transportation	19	42	4	47	7	11	103
Road, street, bridge, construction of	—	—	1	—	—	—	—
Truck, transfer, cab and hack companies, garages	11	22	—	25	3	5	59
Street railways	6	7	—	8	4	1	14
Steam railroads	2	4	—	4	—	—	8
	—	9	3	10	—	4	22

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## The Commonwealth of Massachusetts

DEPARTMENT OF INDUSTRIAL ACCIDENTS.

Room 272, State House, Boston, April 20, 1932.

*To the Honorable Senate and House of Representatives:*

The Department of Industrial Accidents has the honor to transmit herewith its nineteenth annual report.

Respectfully,

### INDUSTRIAL ACCIDENT BOARD

WILLIAM W. KENNARD, *Chairman*

EMMA S. TOUSANT

JOSEPH A. PARKS

EDWARD E. CLARK

CHESTER E. GLEASON

ALFRED B. CENEDELLA

CHARLES M. STILLER

ROBERT E. GRANDFIELD, *Secretary*

## NINETEENTH ANNUAL REPORT OF THE

## Department of Industrial Accidents.

### INTRODUCTION

The Department of Industrial Accidents presents herewith its nineteenth annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year beginning July 1, 1930 to June 30, 1931.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1930, shows that there was a decided decrease in the number of injuries reported to the Board and a corresponding decrease in the number of tabulatable injuries, from 36.2 per cent in 1930 to 34.7 per cent in 1931. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was less by 730,929 days than for the previous year. This decrease may be accounted for, in part, by the fact that there were 11,735 less tabulatable injuries than in 1930. This number includes 282 fatals, which are given a weighted time loss of 1,692,000 days, or 372,000 days less than last year.

A synopsis of the subjects covered in the current report follows:

*The Nineteenth Year of the Act.*—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

*Summary of Accident Experience.*—This chapter explains the various tables found in the Appendix, with brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

*Dependency in Fatal Cases not Insured under the Act.*—This chapter deals with facts with particular reference to the condition of dependents in fatal cases where the injured employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

*Medical Division.*—A brief summary of the work of this division with some statistical data for the past year.

## THE NINETEENTH YEAR OF THE ACT

There were 144,133 accident reports filed with the Department of Industrial Accidents during the year July 1, 1930 to June 30, 1931. Of these 50,006 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 282 of these cases, 5 involved permanent total disability, 1,031 were of a permanent partial nature, and 48,688 were temporary totals.

There was a decrease in the number of reported injuries, from 170,663 in 1930 to 144,133 in 1931, and a corresponding decrease in the number of tabulatable injuries, from 61,741 in 1930 to 50,006 in 1931.

The reports from insurance companies show that the payments made and to be made on account of injuries this year total \$8,978,058.04, and are classified as follows: medical, \$2,870,552.55; fatal compensation, \$838,358.39; and non-fatal, compensation, \$5,269,147.10.

The weighted time loss charged to all injuries is 4,072,628 days, distributed as follows: death, 41.5 per cent; temporary total disability, 39.2 per cent; permanent partial disability, 18.6 per cent; and permanent total disability, .7 per cent.

There were 282 fatals this year, a decrease of 62 cases in comparison with the year ending June 30, 1930. Total dependency was involved in 216 of these cases, 569 persons being so dependent. In 35 cases, dependency was partial, the dependents numbering 50. In the remaining 31 cases, there was no dependency. There were 253 cases or 89.7 per cent insured.

## SUMMARY OF ACCIDENT EXPERIENCE

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED.

The statistics of the Board show that 96 per cent, or 47,988 of the tabulatable injuries were insured under the provisions of the Act and that four per cent, or 2,018 cases were not insured. This compares with an insured percentage of the previous year of 95.7 per cent and a non-insured percentage of 4.3 per cent.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, and towns which have accepted the provisions of chapter 807, Acts of 1913. During the year ending June 30, 1930, a total payment of \$9,861,383.09 was reported. This year's figures therefore show a decrease in the amount paid amounting to nearly a million dollars.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts which have accepted St. 1916, ch. 807, (now G. L., ch. 152, ss. 69-75), the sum of \$410,704.70. During the previous year the compensation agents of the Commonwealth and the different counties, cities, towns and districts reported the payment of compensation and medical in the sum of \$335,325.79. The in-

crease of approximately \$75,000 is due to enlarged governmental activities and to certain amendments involving an increase in compensation payments.

Dividing the entire sum paid out and to be paid out by insurers during the year ending June 30, 1931, \$8,978,058.04, by the number of tabulatable cases as shown by the Board's records, 50,006, we find that the average cost per case is \$170.53. The average cost per case is much lower however, as included in the amount of \$8,978,058.04, reported by the companies, are the sums paid out on thousands of cases which, strictly speaking, are not tabulatable. As will be noted by referring to Table II, insurance companies report 77,493 cases in which no compensation at all has been paid and in which only medical payments have been made.

### *Insurance Payments.*

TYPE OF PAYMENT.	Amount.	Per Cent.
Medical, for all cases . . . . .	\$2,870,552.55	32.0
Fatal, dependency compensation . . . . .	838,358.39	9.3
Non-fatal, disability compensation . . . . .	5,269,147.10	58.7
Totals . . . . .	\$8,978,058.04	100.0

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

### *Average Cost per Specified Case.*

TYPE OF PAYMENT.	Number of Cases.	Average Cost.
Medical, for all cases . . . . .	106,265	\$ 27.01
Fatal, dependency compensation . . . . .	241	3,478.66
Non-fatal, disability compensation . . . . .	32,225	163.51

TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

### *Extent of Total Tabulatable Injuries.*

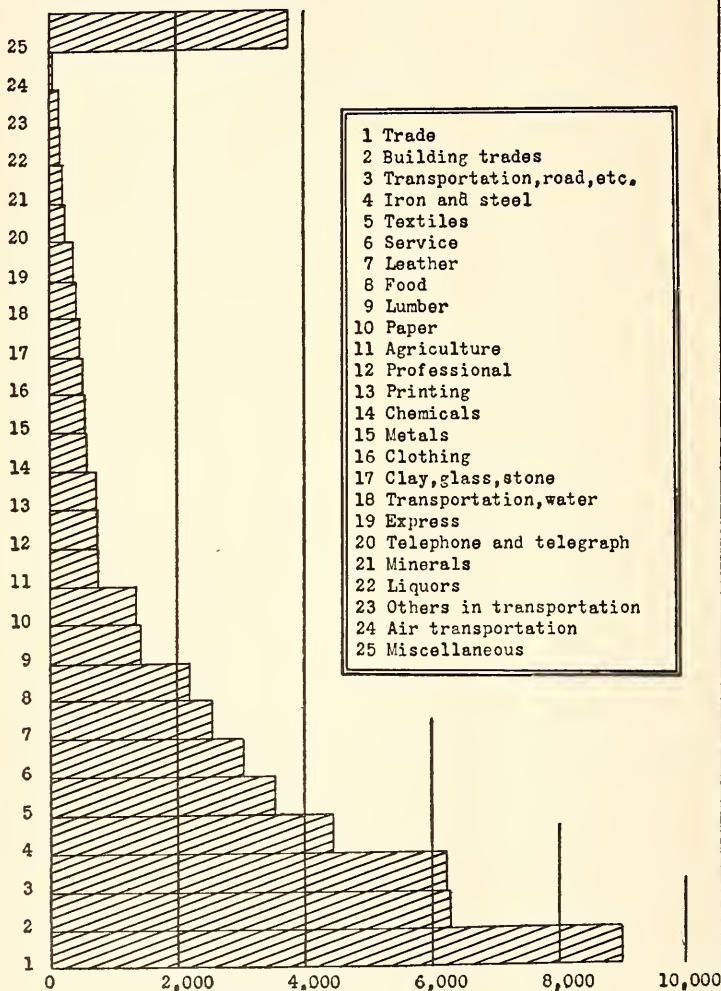
EXTENT OF DISABILITY.	Number of Cases.	Per Cent.
Deaths . . . . .	282	.5
Permanent total disabilities . . . . .	5	.1
Permanent partial disabilities . . . . .	1,031	2.0
Temporary total disabilities . . . . .	48,688	97.4
Totals . . . . .	50,006	100.0

<sup>1</sup> Less than one-tenth of one per cent.



NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIES

July 1, 1930 - June 30, 1931



Department of Industrial Accidents



The following table is a summary of the duration of disability in all cases in this classification:

*Duration of Temporary Total Disabilities.*

DISABILITY PERIOD.	Number of Cases.	Per Cent.
1 to 3 days . . . . .	6,853	14.1
4 to 7 days . . . . .	10,196	20.9
1 to 2 weeks . . . . .	6,162	12.7
2 to 3 weeks . . . . .	6,143	12.6
3 to 4 weeks . . . . .	4,242	8.7
4 to 8 weeks . . . . .	8,487	17.4
8 to 13 weeks . . . . .	3,259	6.7
13 to 26 weeks . . . . .	1,900	3.9
26 to 52 weeks . . . . .	1,161	2.4
Over 1 year . . . . .	285	.6
Totals . . . . .	48,688	100.0

It should be noted that in 17,049 cases, or 35 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

*Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution.*

INDUSTRIES.	TOTALS.		DEATHS.		PERMANENT TOTAL DISABILITIES.		PERMANENT PARTIAL DISABILITIES.		TEMPORARY TOTAL DISABILITIES.	
	Num-ber	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Trade . . . . .	8,996	18.0	33	11.7	1	20.0	102	9.9	8,860	18.2
Building trades . . . . .	6,297	12.6	38	13.5	1	20.0	97	9.4	6,161	12.6
Transportation, road . . . . .	6,226	12.3	72	25.5	2	40.0	81	7.8	6,071	12.5
Iron and steel . . . . .	4,467	8.9	21	7.4	—	—	165	16.0	4,281	8.8
Miscellaneous . . . . .	3,778	7.6	26	9.2	—	—	103	10.0	3,649	7.5
Textiles . . . . .	3,559	7.1	12	4.2	—	—	109	10.6	3,438	7.1
Service . . . . .	3,070	6.1	6	2.1	—	—	37	3.6	3,027	6.2
Leather . . . . .	2,565	5.1	6	2.1	—	—	58	5.6	2,501	5.1
Food . . . . .	2,210	4.4	13	4.6	1	20.0	33	3.2	2,163	4.4
Lumber . . . . .	1,423	2.8	7	2.5	—	—	73	7.1	1,343	2.7
Paper . . . . .	1,378	2.8	12	4.2	—	—	43	4.2	1,323	2.7
Agriculture . . . . .	778	1.6	1	.4	—	—	11	1.1	766	1.6
Professional . . . . .	776	1.6	4	1.4	—	—	6	.6	766	1.6
Printing, bookbinding . . . . .	744	1.5	4	1.4	—	—	24	2.3	716	1.5
Chemicals . . . . .	591	1.2	3	1.1	—	—	15	1.4	573	1.2
Metals . . . . .	585	1.2	2	.7	—	—	34	3.3	549	1.1
Clothing . . . . .	529	1.1	1	.4	—	—	6	.6	522	1.1
Clay, glass, stone . . . . .	490	1.0	4	1.4	—	—	16	1.5	470	1.0
Water transportation . . . . .	413	.8	4	1.4	—	—	3	.3	411	.8
Express . . . . .	388	.8	—	—	—	—	—	—	388	.8
Telephone, telegraph . . . . .	220	.4	3	1.1	—	—	—	—	217	.4
Minerals . . . . .	206	.4	5	1.8	—	—	11	1.1	190	.4
Liquors . . . . .	154	.3	1	.4	—	—	3	.3	150	.3
Others in transportation . . . . .	144	.3	3	1.1	—	—	1	.1	140	.3
Air transportation . . . . .	14	. <sup>1</sup>	1	.4	—	—	—	—	13	. <sup>1</sup>
Totals . . . . .	50,006	100.0	282	100.0	5	100.0	1,031	100.0	48,688	100.0

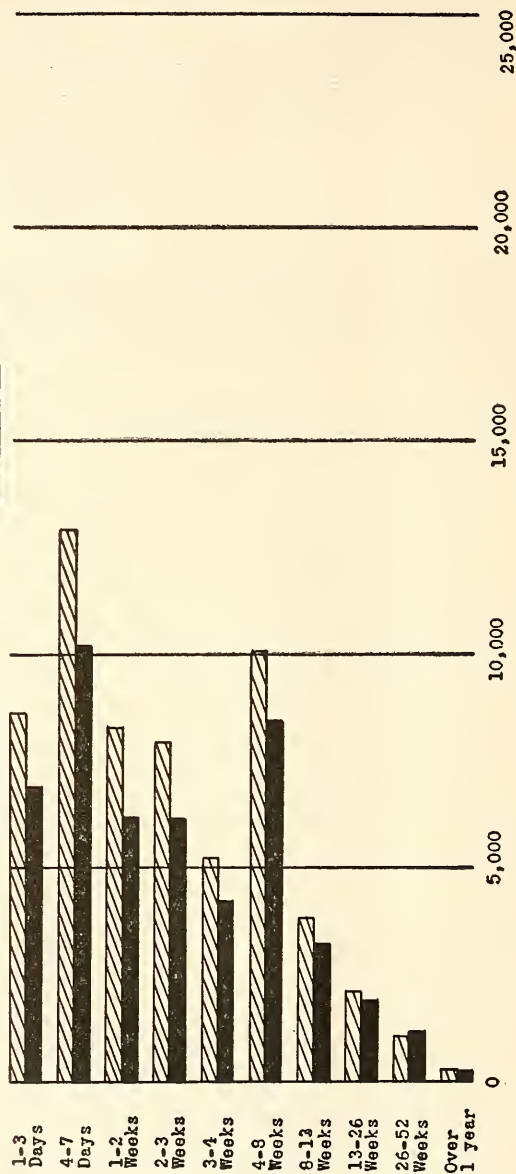
*Deaths.*—"Transportation, road, etc." had the highest number of deaths, 72, or 25.5 per cent; followed in order by "building trades", with 38, or 13.5 per cent; "trade", with 33, or 11.7 per cent, and the rest as shown.

*Permanent Total Disabilities.*—There were 5 permanent total disabilities this year, distributed as follows: "transportation, road, etc.", 2; "trade", 1; "building trades", 1, and "food", 1.

<sup>1</sup> Less than one-tenth of one per cent.

# DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY

Comparison of year ending  
June 30, 1930 with year ending June 30, 1931



Department of Industrial Accidents

There was one permanent total in which the employee, 48 years old, had both hands amputated when he was struck by a train.

There were two cases which involved injuries to both legs. In one, the employee had both legs amputated above the knees as a result of being crushed by an automobile. The other was a spinal cord injury, resulting in paralysis of both legs. This employee, 21 years old, fell a distance of 12 feet striking his back.

Two of the permanent total disabilities were to men of advanced years. One of these was an employee, 71 years of age, who sustained a fractured skull and clavicle when he fell from a platform; another was a man, 69 years old, who fell against a furnace and dislocated the 3rd and 4th cervical vertebrae.

*Permanent Partial Disabilities.*—"Iron and steel" had the highest frequency with 165 cases or 16 per cent; "textiles", with 109 or 10.6 per cent, and miscellaneous industries, with 103 or 10 per cent.

The original definition of this type of case included all injuries less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition. Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of this definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

*Temporary Total Disabilities.*—The frequency order of this group of injuries occurred as printed.

#### TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

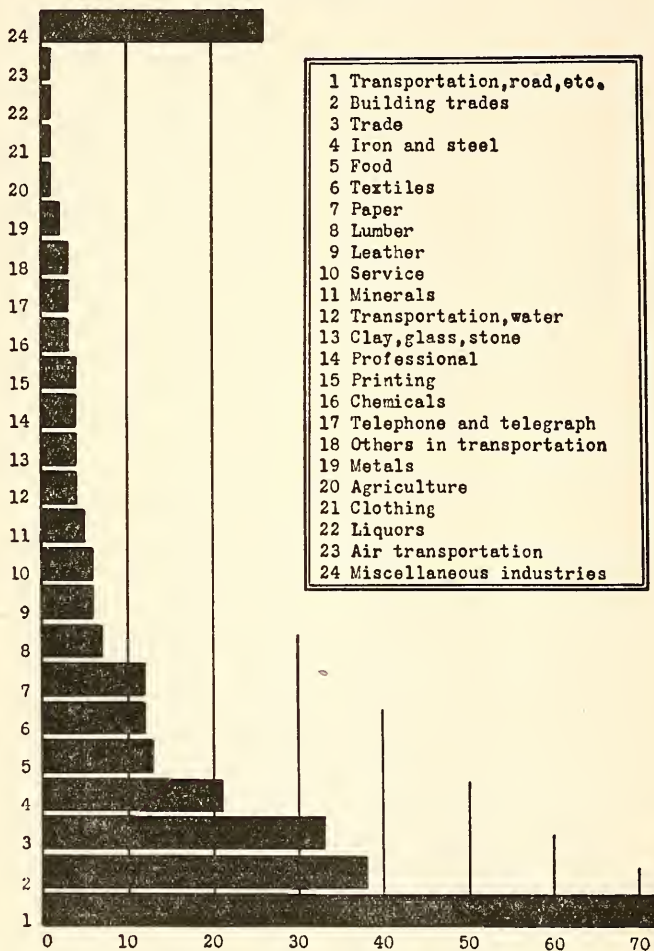
Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

NUMBER OF FATAL INJURIES BY INDUSTRIES

July 1, 1930 - June 30, 1931



Department of Industrial Accidents

*Severity of Total Tabulatable Injuries, by Industries and Extent of Disability.*

INDUSTRIES.	Totals.	Deaths.	Per- manent Total Disabil- ities.	Per- manent Partial Disabil- ities.	Tem- porary Total Disabil- ities.
Transportation, road, etc.	732,625	432,000	12,000	68,700	219,925
Building trades	603,946	228,000	6,000	98,850	271,126
Trade	524,185	198,000	6,000	73,500	246,685
Iron and steel	367,942	126,000	—	102,900	139,042
Miscellaneous	334,159	156,000	—	67,800	110,359
Textiles	255,369	72,000	—	65,700	117,669
Food	169,266	78,000	6,000	25,800	59,466
Leather	157,896	36,000	—	39,600	82,296
Service	157,006	36,000	—	26,700	94,306
Paper	148,939	72,000	—	37,100	39,839
Lumber	126,520	42,000	—	46,800	37,720
Printing, bookbinding	65,354	24,000	—	22,200	19,154
Clay, glass, stone	59,849	24,000	—	17,700	18,149
Metals	50,693	12,000	—	20,550	18,143
Professional	49,641	24,000	—	6,150	19,491
Chemicals	46,787	18,000	—	10,350	18,437
Minerals	45,798	30,000	—	8,100	7,698
Agriculture	41,620	6,000	—	10,350	25,270
Water transportation	37,949	24,000	—	1,350	12,599
Others in transportation	23,734	18,000	—	600	5,134
Clothing	23,167	6,000	—	3,450	13,717
Telephone and telegraph	22,823	18,000	—	—	4,823
Liquors	13,086	6,000	—	1,650	5,436
Express	7,987	—	—	—	7,987
Air transportation	6,257	6,000	—	—	257
Totals	4,072,628	1,692,000	30,000	755,900	1,594,728

*Percentage Distribution of Lost Days and Average Days Per Case, by Industries.*

INDUSTRIES.	Per Cent of Total.	Average Days per Case.
Transportation, road, etc.	18.0	118
Building trades	14.8	96
Trade	12.9	58
Iron and steel	9.0	82
Miscellaneous industries	8.2	88
Textiles	6.3	72
Food	4.2	77
Leather	3.9	62
Service	3.8	32
Paper	3.7	108
Lumber	3.2	89
Printing and bookbinding	1.6	88
Clay, glass, and stone	1.5	122
Metals	1.2	87
Professional service	1.2	64
Chemicals	1.1	79
Minerals	1.1	222
Agriculture	1.0	53
Water transportation	.9	91
Others in transportation	.6	165
Clothing	.6	44
Telephone and telegraph	.6	100
Liquors	.3	85
Express	.2	21
Air transportation	.1	447
Totals	100.0	81

A study of the above table indicates that the industry "air transportation" contained the injuries which were of the most severe character, the average days lost per case being 447. However, it should be noted that there were only 14 cases in this industry classification, one being a fatal for which a weighted time loss of 6,000 days is given.

The industry "others in transportation" showed an average time loss of 165 days per case as compared with 38 days per case in 1930. This increase may be accounted for by the fact that there were 3 fatal cases in 1931 and none in 1930.



*Distributed Severity of Injuries.*

EXTENT OF DISABILITY.	Days Lost.	Per Cent.
Deaths . . . . .	1,692,000	41.5
Permanent total disabilities . . . . .	30,000	.7
Permanent partial disabilities . . . . .	755,900	18.6
Temporary total disabilities . . . . .	1,594,728	39.2
Totals . . . . .	4,072,628	100.0

The above table indicates that under the weighted system used, deaths, cover 41.5 per cent of the total time loss, although only 282 out of a total of 50,006 cases were fatal.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

*Sex of Injured.*—The following table indicates that from a total of 50,006 cases, 90.3 per cent occurred among males and 4,827 or 9.7 per cent occurred among females. The experience according to the extent of disability is here shown.

*Extent of Injury, by Sex.*

EXTENT OF INJURY.	MALES.		FEMALES.	
	Number of Cases.	Per Cent.	Number of Cases.	Per Cent.
Deaths . . . . .	277	.6	5	.1
Permanent total disabilities . . . . .	5	. <sup>1</sup>	—	—
Permanent partial disabilities . . . . .	959	2.1	72	1.5
Temporary total disabilities . . . . .	43,938	97.2	4,750	98.4
Totals . . . . .	45,179	100.0	4,827	100.0

An analysis of the above table shows that males sustained 98.2 per cent of the fatal injuries, and that .6 per cent of the total injuries to them were fatal. The fatal injuries to women were .1 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

*Age.*—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

*Distribution of Total Tabulatable Injuries, by Age Periods.*

AGE PERIODS (YEARS) .	Number of Cases.	Per Cent.
14 and under . . . . .	63	.1
15 . . . . .	148	.3
16 . . . . .	540	1.1
17 . . . . .	874	1.8
18 . . . . .	1,268	2.5
19 . . . . .	1,401	2.8
20 to 24, inclusive . . . . .	7,921	15.8
25 to 29, inclusive . . . . .	6,865	13.7
30 to 34, inclusive . . . . .	6,558	13.1
35 to 39, inclusive . . . . .	6,555	13.1
40 to 44, inclusive . . . . .	5,449	10.9
45 to 49, inclusive . . . . .	4,267	8.5
50 to 54, inclusive . . . . .	3,133	6.3
55 to 59, inclusive . . . . .	2,262	4.5
60 to 64, inclusive . . . . .	1,475	3.0
65 and over . . . . .	1,227	2.5
Totals . . . . .	50,006	100.0

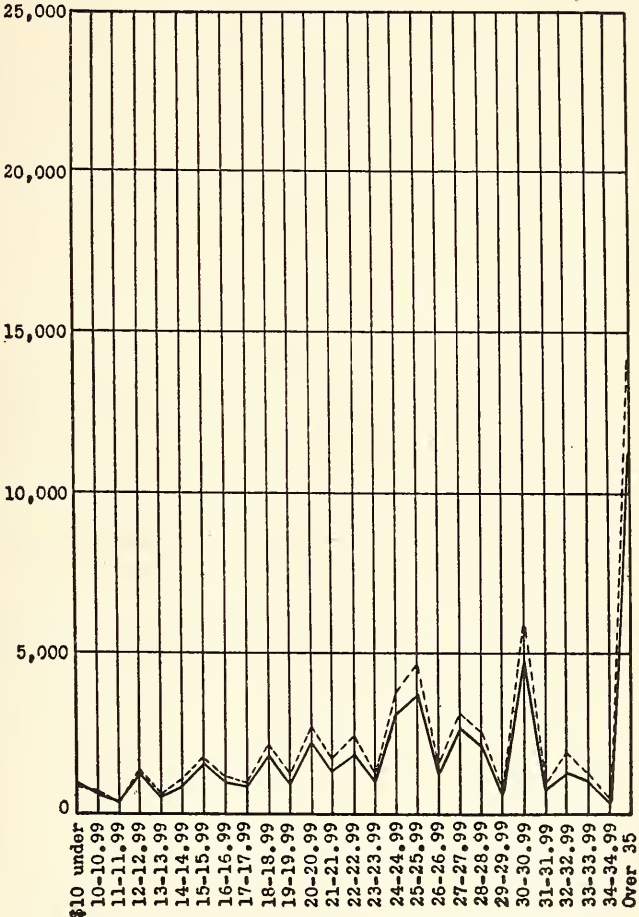
No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

<sup>1</sup> Less than one-tenth of one per cent.



NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUPS

Comparison of year ending  
June 30, 1930 with year ending June 30, 1931



Department of Industrial Accidents

TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

*Distribution of Tabulatable Injuries, by Wage Groups.*

WAGE GROUPS	Number of Cases.	Per Cent of Total.	Cumulative Per Cent.
Under \$10.00 . . . . .	890	1.8	1.8
\$10.00 to \$10.99 . . . . .	573	1.1	2.9
\$11.00 to \$11.99 . . . . .	344	.7	3.6
\$12.00 to \$12.99 . . . . .	1,309	2.6	6.2
\$13.00 to \$13.99 . . . . .	501	1.0	7.2
\$14.00 to \$14.99 . . . . .	823	1.6	8.8
\$15.00 to \$15.99 . . . . .	1,562	3.1	11.9
\$16.00 to \$16.99 . . . . .	987	2.0	13.9
\$17.00 to \$17.99 . . . . .	827	1.7	15.1
\$18.00 to \$18.99 . . . . .	1,840	3.7	19.3
\$19.00 to \$19.99 . . . . .	957	1.9	21.2
\$20.00 to \$20.99 . . . . .	2,232	4.5	25.7
\$21.00 to \$21.99 . . . . .	1,348	2.7	28.4
\$22.00 to \$22.99 . . . . .	1,868	3.7	32.1
\$23.00 to \$23.99 . . . . .	1,021	2.0	34.1
\$24.00 to \$24.99 . . . . .	3,125	6.3	40.4
\$25.00 to \$25.99 . . . . .	3,693	7.4	47.8
\$26.00 to \$26.99 . . . . .	1,248	2.5	50.3
\$27.00 to \$27.99 . . . . .	2,616	5.2	55.5
\$28.00 to \$28.99 . . . . .	2,064	4.1	59.6
\$29.00 to \$29.99 . . . . .	627	1.3	60.9
\$30.00 to \$30.99 . . . . .	4,905	9.8	70.7
\$31.00 to \$31.99 . . . . .	748	1.5	72.2
\$32.00 to \$32.99 . . . . .	1,268	2.5	74.7
\$33.00 to \$33.99 . . . . .	1,031	2.1	76.8
\$34.00 to \$34.99 . . . . .	42 <sup>a</sup>	.9	77.7
\$35.00 and over . . . . .	11,170	22.3	100.0
Totals . . . . .	50,006	100.0	

This year as well as last, the group "\$35.00 and over", is the largest with 11,170 cases or 22.3 per cent of the total. This is, however, .8 per cent less than for the year ending June 30, 1930.

There was also a decrease, from 50.8 per cent in 1930 to 49.7 per cent in 1931, in the number of cases in which the employees received the maximum weekly compensation of \$18 a week.

There was an increase in the number of employees receiving less than \$10 a week, from 1.4 per cent in 1930 to 1.8 per cent in 1931.

TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY.

*Distribution of Tabulatable Injuries, by Location of Injury.*

LOCATION OF INJURY.	Number of Cases.	Per Cent.
Upper extremities . . . . .	20,704	41.4
Lower extremities . . . . .	13,143	26.3
Trunk . . . . .	10,438	20.9
Head . . . . .	2,868	5.7
Face and neck . . . . .	1,576	3.1
Body . . . . .	1,277	2.6
Totals . . . . .	50,006	100.0

It will be observed that of a total of 50,006 injuries, 20,704, or 41.4 per cent affected the upper extremities. Although this is 5,005 cases less than in 1930, the percentage decrease is only .3 per cent.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by the location and nature of injury, will prove of interest.

*Distribution of Tabulatable Injuries, by Location and Nature of Injury*

NATURE OF INJURY.	Head.	Face and Neck.	Trunk	Upper Extremities.	Lower Extremities.	Body.	Totals
Cuts, punctures, etc. . . . .	833	631	100	10,008	2,573	36	14,181
Sprains and strains . . . . .	1	63	7,532	1,959	2,704	40	12,299
Abrasions, bruises, etc. . . . .	386	183	1,326	3,149	4,345	209	9,598
All other . . . . .	1,165	174	859	1,581	1,353	523	5,655
Fractures . . . . .	102	73	543	1,572	1,696	—	3,986
Burns and scalds . . . . .	231	350	56	940	340	61	1,978
Occupational diseases . . . . .	20	102	10	492	36	378	1,038
Amputations, etc. . . . .	82	—	—	822	40	—	944
Dislocations . . . . .	—	—	12	181	56	—	249
Concussions . . . . .	48	—	—	—	—	—	48
Electric shocks . . . . .	—	—	—	—	—	30	30
Totals . . . . .	2,868	1,576	10,438	20,704	13,143	1,277	50,006

TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

*Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution.*

NATURE OF INJURY.	Totals.	Per Cent.	Deaths.	Per- manent Total Disabili- ties.	Per- manent Partial Disabili- ties.	Tem- porary Total Disabili- ties.
Cuts, punctures, etc. . . . .	14,181	28.3	11	—	4	14,166
Sprains and strains . . . . .	12,299	24.6	11	—	11	12,277
Abrasions, bruises, etc. . . . .	9,598	19.2	6	—	1	9,591
All other . . . . .	5,655	11.3	96	1	1	5,557
Fractures . . . . .	3,986	8.0	94	1	57	3,834
Burns and scalds . . . . .	1,978	3.9	31	—	—	1,947
Occupational diseases . . . . .	1,038	2.1	13	—	18	1,007
Amputations, loss of use . . . . .	944	1.9	7	2	935	—
Dislocations . . . . .	249	.5	1	1	2	245
Concussions . . . . .	48	.1	1	—	2	45
Electric shocks . . . . .	30	.1	11	—	—	19
Totals . . . . .	50,006	100.0	282	5	1,031	48,688

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

A comparison of the statistics of infections shows that there were 1,171 cases less than in 1930. Experience of the Board shows that for the past three years, one out of every ten tabulatable injuries resulted in an infection. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

*Infection, by Nature of Injury and Extent of Disability.*

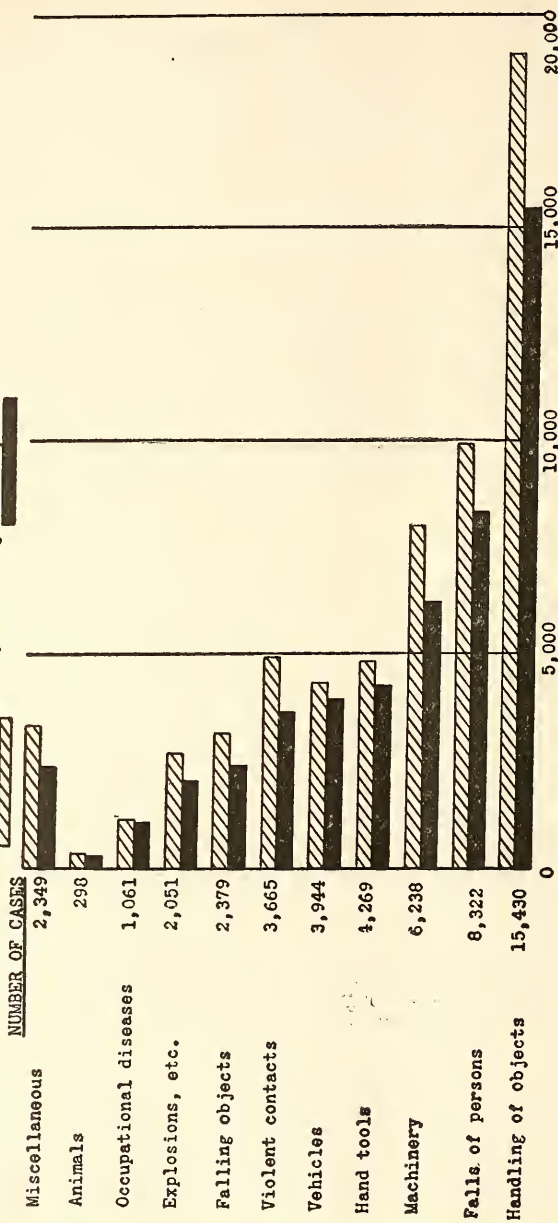
NATURE OF INJURY.	Totals.	Deaths.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Cuts, punctures, lacerations . . . . .	3,123	10	—	3,113
All other . . . . .	760	2	—	758
Abrasions, bruises, contusions . . . . .	697	3	1	693
Burns and scalds . . . . .	121	—	—	121
Amputations, loss of use . . . . .	25	—	25	—
Fractures . . . . .	5	1	—	4
Sprains and strains . . . . .	7	—	—	7
Totals . . . . .	4,738	16	26	4,696

According to the above table, 4,738 cases of infections ensued from injuries. This is 9.5 per cent of the total tabulatable injuries.

# DISTRIBUTION OF INJURIES

Comparison of year ending

June 30, 1930 with year ending June 30, 1931



Department of Industrial Accidents

TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

*Total Tabulatable Injuries, by Cause of Injury and Extent of Disability.*

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	15,430	13	—	155	15,262
Falls of persons . . . . .	8,322	56	2	53	8,211
Machinery . . . . .	6,238	43	—	607	5,588
Hand tools . . . . .	4,269	7	—	89	4,173
Vehicles . . . . .	3,944	73	2	40	3,829
Stepping on or striking against objects . . . . .	3,665	6	1	9	3,649
Falling objects, not being handled by employee . . . . .	2,379	14	—	19	2,346
Miscellaneous causes . . . . .	2,349	11	—	26	2,312
Explosions, electricity, etc. . . . .	2,051	44	—	13	1,994
Occupational diseases . . . . .	1,061	13	—	18	1,030
Animals . . . . .	298	2	—	2	294
Totals . . . . .	50,006	282	5	1,031	48,688

The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

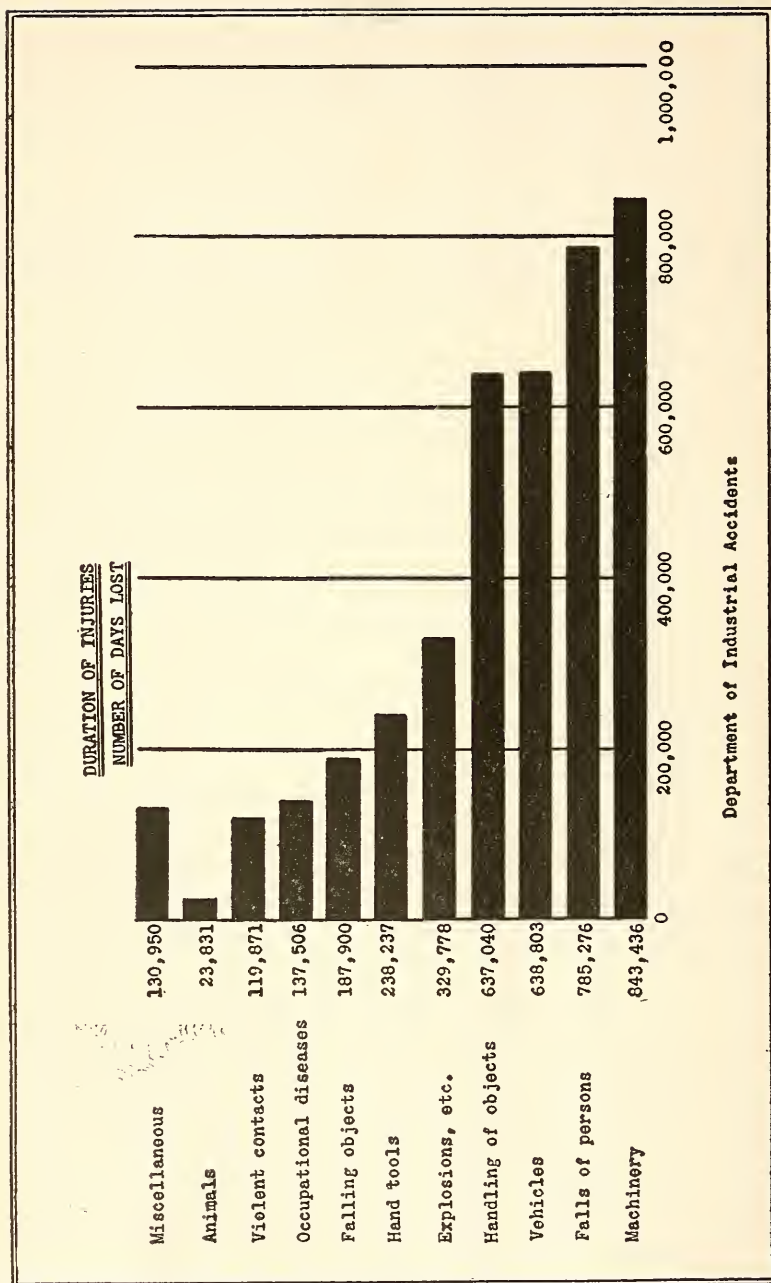
The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

*Distribution of Causes, by Per Cents.*

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	30.9	4.6	—	15.0	31.3
Falls of persons . . . . .	16.6	19.9	40.0	5.1	16.9
Machinery . . . . .	12.5	15.2	—	58.9	11.5
Hand tools . . . . .	8.5	2.5	—	8.6	8.6
Vehicles . . . . .	7.9	25.9	40.0	3.9	7.9
Stepping on or striking against objects . . . . .	7.3	2.1	20.0	.9	7.5
Falling objects, not being handled by employee . . . . .	4.8	5.0	—	1.8	4.8
Miscellaneous causes . . . . .	4.7	3.9	—	2.5	4.7
Explosions, electricity, etc. . . . .	4.1	15.6	—	1.3	4.1
Occupational diseases . . . . .	2.1	4.6	—	1.8	2.1
Animals . . . . .	.6	.7	—	.2	.6
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects", with 30.9 per cent, followed by "falls of persons", with 16.6 per cent.







*Distribution of Causes, by Resultant Days Lost.*

CAUSE OF INJURY.	Totals.	Per Cent.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Machinery . . . . .	843,436	20.7	258,000	—	395,600	189,836
Falls of persons . . . . .	785,276	19.3	336,000	12,000	77,700	359,576
Vehicles . . . . .	638,803	15.7	438,000	12,000	37,350	151,453
Handling of objects . . . . .	637,040	15.6	78,000	—	72,450	486,590
Explosions, electricity, etc. . . . .	329,778	8.1	264,000	—	17,100	48,678
Hand tools . . . . .	238,237	5.9	42,000	—	99,750	96,487
Falling objects, not being handled by employee . . . . .	187,900	4.6	84,000	—	16,200	87,700
Occupational diseases . . . . .	137,506	3.4	78,000	—	10,800	48,706
Miscellaneous causes . . . . .	130,950	3.2	66,000	—	19,650	45,300
Stepping on or striking against objects . . . . .	119,871	2.9	36,000	6,000	7,200	70,671
Animals . . . . .	23,831	.6	12,000	—	2,100	9,731
Totals . . . . .	4,072,628	100.0	1,692,000	30,000	755,900	1,594,728

As indicated above, the most serious cause of injury, as measured in terms of time lost, is "machinery", with 20.7 per cent of the total. The estimated loss on this account, as shown by the above table, was 843,436 days.

*Average Time Loss per Case, by Principal Causes.*

CAUSE OF INJURY.	Average Days per Case.
Vehicles . . . . .	162
Explosions, electricity, etc. . . . .	161
Machinery . . . . .	135
Occupational diseases . . . . .	129
Falls of persons . . . . .	93
Animals . . . . .	80
Falling objects, not being handled by employee . . . . .	79
Hand tools . . . . .	56
Miscellaneous causes . . . . .	56
Handling of objects . . . . .	41
Stepping on or striking against objects . . . . .	33

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

*Machine Accidents, by Manner of Occurrence.*

MANNER OF OCCURRENCE.	Number of Cases.	Per Cent of Total.
Starting, stopping, or operating machine . . . . .	3,099	49.7
All other . . . . .	1,555	24.9
Flying objects . . . . .	521	8.4
Adjusting machine, tool, or work . . . . .	458	7.3
Cleaning or oiling machine . . . . .	329	5.3
Breaking of machine, tool, or work . . . . .	201	3.2
Repairing machine . . . . .	75	1.2
Totals . . . . .	6,238	100.0

Of the 6,238 machine accidents, 3,099 or 49.7 per cent occurred while "starting, stopping, or operating machine". There were 2,803 of these cases that occurred at the "point of operation".

*Machine Accidents, by Part of Machine.*

POINT OF OPERATION.	PART OF MACHINE.	Number of Cases.	Per Cent of Total.
Point of operation . . . . .		4,079	65.4
All other . . . . .		1,710	27.4
Belts . . . . .		219	3.5
Gears . . . . .		163	2.6
Cranks and eccentrics . . . . .		45	.7
Flywheels . . . . .		11	.2
Set screws, keys, and bolts . . . . .		8	.1
Counterweights . . . . .		3	.1
Totals . . . . .		6,238	100.0

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES.

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

*Conjugal Condition in Fatal Cases.*

CONDITION.	Number of Cases.	Per Cent.
Single . . . . .	71	25.2
Married . . . . .	195	69.1
Widowed . . . . .	14	5.0
Divorced . . . . .	2	.7
Totals . . . . .	282	100.0

Of the 195 cases in which the employees were married, 194 involved total dependency and 1 partial dependency.

There were 71 cases in which the employees were single. Total dependency was involved in 16 cases, partial dependency in 32 cases, and in the remaining 23 cases, there was no dependency.

In the remaining 16 cases, 14 were widowers and 2 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 937 cases of specific injuries. In 92 cases or 9.8 per cent, the employees were more than 55 years of age; 5, or .5 per cent, occurred among children under 16 years of age.

The number of injuries to minors decreased from 69 in 1930 to 37 in 1931.

*Specified Injuries.*

TYPE OF INJURY.	Number of Cases.	Per Cent of Total.
One finger or thumb . . . . .	550	58.7
Two or more fingers, 2 or more phalanges . . . . .	114	12.2
One eye . . . . .	82	8.8
Right or major index finger, 2 phalanges . . . . .	63	6.7
Right or major thumb, 1 phalange . . . . .	29	3.1
Right or major hand or arm . . . . .	20	2.1
One toe . . . . .	18	1.9
Right or major index finger, 2 phalanges and one or more fingers on same hand . . . . .	14	1.5
Right or major thumb, 2 phalanges . . . . .	13	1.4
Two or more toes . . . . .	10	1.1
One foot or leg . . . . .	7	.8
Left or minor hand or arm . . . . .	3	.3
Right or major thumb, 1 phalange and right or major index finger, 2 phalanges . . . . .	3	.3
Right or major thumb, 2 phalanges and 1 or more fingers . . . . .	3	.3
Two or more fingers or thumbs on both hands . . . . .	3	.3
Right or major thumb, 1 phalange and 1 or more fingers . . . . .	2	.2
Right or major thumb and index finger, 2 phalanges . . . . .	1	.1
Both hands . . . . .	1	.1
Both feet . . . . .	1	.1
Totals . . . . .	937	100.0

<sup>1</sup> Less than one-tenth of one per cent.

The group "one finger or thumb", continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use, of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges".

There were two permanent total disabilities among the specific injury cases. In one of these both hands were amputated at the wrist and in the other, both legs were amputated above the knee.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES.

There were 599 cases, or 63.9 per cent of the specific injuries, which occurred on machinery. This is a decrease of 2.5 per cent as compared with 1930.

In the group, "one finger or thumb", there were 550 cases. Of these, 359 were due to machinery, and 275, or 76.6 per cent occurred at the "point of operation".

*Percentage Distribution of Specific Injury Cases, by Causes.*

CAUSE OF INJURY.	Number of Cases.	Per Cent of Total.
Machinery	599	63.9
Handling of objects	144	15.4
Hand tools	89	9.5
Vehicles	30	3.2
Miscellaneous causes	21	2.5
Falls of persons	15	1.6
Fires, explosions, electricity, etc.	13	1.4
Falling objects, not being handled by employee	12	1.3
Stepping on or striking against objects	9	1.0
Animals	2	.2
Totals	937	100.0

*Distribution of Specific Injuries to Eye, by Causes.*

CAUSE OF INJURY.	Number of Cases.	CAUSE OF INJURY.	Number of Cases.
Hand tools	46	Falls of persons	1
Machinery	14	Stepping on or striking against objects	1
Miscellaneous causes	6	Falling objects, not being handled by employee	1
Fires, explosions, electricity, etc.	5	Animals	1
Handling of objects	3		
Vehicles	4		
		Total	.82

## DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT.

From July 1, 1930 to June 30, 1931, there were 29 not insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement, or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

*Not Insured Fatal Injuries, by Industries.*

INDUSTRIES.	Number of Cases.	INDUSTRIES.	Number of Cases.
Steam railroads	12	Agriculture	1
Telephone and telegraph	4	Trucking	1
Manufacture of coke	3	Wholesale and retail trade	1
Building trades	2	Street railway	1
Lumber	2		
Dismantling ship	1	Total	29
Crushed stone	1		

The average age of the employees at the time of death was 42 years, and the average weekly wages were \$30.72.

Under the provisions of the Act, the dependents in these cases would have been paid a total of \$111,085. In 23 cases, dependency was total, and in each of these cases \$2,000 to \$6,400 would have been due, accord-

ing to the number of dependents. In the remaining 6 cases, there was no dependency. On each of the no dependency cases, \$150 would be due for funeral expenses and \$100 to the State in accordance with G. L. c. 152, s. 65. In only eight of these cases were we able to obtain accurate figures as to the actual amount paid by non-insured employers to the dependents of their fatally injured employees. The amount paid was \$30,328, or an average of \$3,791 per case. In 16 cases, suits at law were pending in the courts of the Commonwealth and therefore no figures were obtainable. In the remaining five cases we were unable to obtain any report from either the employer or the dependents as to the amounts paid in settlement of their claims.

Below will be found a statistical tabulation of these cases:

Industry and Occupation	Age of Employee	Wages	Dependents	Settlement
Tel. and Tel., combination man . . . . .	48	\$41.50	Widow and 1 child . . . . . (\$4,800.00)	\$5,000 00
Railroad, track laborer . . . . .	54	\$19.20	Widow and 3 children . . . . . (\$6,400.00)	3,000 00
Mfg. of coke, crane operator . . . . .	44	\$36.40	Widow and 1 child . . . . . (\$4,800.00)	5,000 00
Railroad, brakeman . . . . .	57	\$39.00	Widow . . . . . (\$4,000.00)	1,500 00
Railroad, conductor . . . . .	33	\$45.00	Widow and 1 child . . . . . (\$4,800.00)	4,500 00
Mfg. of coke, laborer . . . . .	40	\$28.00	Widow and 4 children . . . . . (\$6,400.00)	5,500 00
Tel. and Tel., cable splicer . . . . .	45	\$54.00	Widow and 3 children . . . . . (\$6,400.00)	4,500 00
Trucking, driver . . . . .	30	\$30.00	Widow and 1 child . . . . . (\$4,800.00)	1,328 00
				<hr/> \$30,328 00

Amount payable in analogous cases, \$42,400.00

An analysis of dependency in uninsured cases is of value in showing upon whom the burden fell.

#### *Dependency in Uninsured Cases.*

DEPENDENTS	Number of Cases.	DEPENDENTS.	Number of Cases.
Widow and 7 children . . . . .	1	Widow . . . . .	8
Widow and 6 children . . . . .	1	Parents . . . . .	2
Widow and 4 children . . . . .	2	Mother . . . . .	1
Widow and 3 children . . . . .	3	No dependents . . . . .	6
Widow and 1 child . . . . .	5	Total . . . . .	29

### THE MEDICAL DIVISION.

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,<sup>1</sup> is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period July 1, 1930 to June 30, 1931, the sum of \$2,870,552.55. This sum represents 32.0 per cent of the total payments of the year. During this period, 106,265 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the employee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the members of the Board. During the year covered by this report, 4,556 impartial examinations

<sup>1</sup> Francis D. Donoghue, M. D.



have been made at a total cost of \$33,167.28. In addition to this sum \$573 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

## AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT.

The following amendments were enacted during the 1932 session:

Section eleven of chapter one hundred and fifty-two of the General Laws is hereby amended by striking out, in the sixth and seventh lines, the words, "whereupon said court shall" and inserting in place thereof the words:—but if so presented to the court for the county of Suffolk, the court may, on motion of any party in interest, order the case removed to the court for the county in which the injury occurred. The court shall thereupon,—so as to read as follows:—

*Section 11.* Any party in interest may present certified copies of an order or decision of the reviewing board, a decision of a member from which no claim for review has been filed within the time allowed therefor, or a memorandum of agreement approved by the department, and all papers in connection therewith, to the superior court for the county in which the injury occurred or for the county of Suffolk, but if so presented to the court for the county of Suffolk, the court may, on motion of any party in interest, order the case removed to the court for the county in which the injury occurred. The court shall thereupon render a decree in accordance therewith and notify the parties. Such decree shall have the same effect, and all proceedings in relation thereto shall thereafter be the same, as though rendered in a suit duly heard and determined by said court, except that there shall be no appeal therefrom upon questions of fact or where the decree is based upon a decision of a member or a memorandum of agreement, and except that there shall be no appeal from a decree based upon an order or decision of the reviewing board which has not been presented to the court within ten days after the notice of the filing thereof by said board. Upon the presentation to it of a certified copy of a decision ending, diminishing or increasing a weekly payment under the following section, the court shall revoke or modify the decree to conform to such decision.

This act shall take effect on the first day of September in the current year. *Approved March 31, 1932.*

Section twelve of chapter one hundred and fifty-two of the General Laws, as amended by chapter two hundred and forty-six of the acts of nineteen hundred and twenty-nine, is hereby further amended by inserting after the word "board" in the first line of the paragraph inserted by said chapter two hundred and forty-six the words:—it appears that compensation has been paid under an agreement of the parties or when in any such case,—so that said paragraph will read as follows:—When in any case before the board it appears that compensation has been paid under an agreement of the parties or when in any such case there appears of record a finding that the employee is entitled to compensation, no subsequent finding by the board or by a member thereof discontinuing compensation on the ground that the employee's incapacity has ceased shall be considered final as a matter of fact or re adjudicata as a matter of law, and such employee or his dependents in the event of his death, may have further hearings as to whether his incapacity or death is or was the result of the injuries for which he received compensation; provided, that if the board shall determine that the petition for such a rehearing is without merit and frivol-

ous, the employee or his dependents shall not thereafter be entitled to file any subsequent petition therefor except for cause shown and in the discretion of the member to whom such subsequent petition may be referred, and that, in the event of the death of the employee, such a petition for a rehearing shall be filed within three months from the time of his decease and within one year from the date of the finding terminating his compensation.

This act shall apply to cases wherein compensation has been paid in pursuance of findings or agreements of the parties made subsequent to January first, nineteen hundred and twenty-five.

Whereas, the deferred operation of this act would, in part defeat its purpose, therefore it is declared to be an emergency law, necessary for the immediate preservation of the public convenience. *Approved March 28, 1932.*

Chapter one hundred and fifty-two of the General Laws is hereby amended by striking out section seventy-five and inserting in place thereof the following new section:—

*Section 75.* Every board, commission and department of the commonwealth employing laborers, workmen and mechanics, and every such county, city, town and district shall, through its executive officer or board, designate one or more persons, as it may deem necessary, to act as its agent or agents in furnishing the benefits due under sections sixty-nine to seventy-five inclusive. Such agent or agents shall be responsible for the proper carrying out of said sections under the direction and supervision of the department until his or their agency is revoked and a new agent or new agents designated. The name and address of every such agent shall be filed with the department immediately upon his designation. This section shall not apply to counties, cities, towns and districts which have provided by insurance for the payment of compensation required by this chapter. (*Approved February 17, 1932, In effect May 17, 1932.*)

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## STATISTICAL TABLES.

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1930 to June 30, 1931.*

INDUSTRIES.	Insured.	Not Insured.	Total.
<b>Agriculture, Forestry, and Animal Husbandry.</b>	<b>768</b>	<b>10</b>	<b>778</b>
Agriculture . . . . .	451	9	460
Forestry . . . . .	149	1	150
Animal husbandry . . . . .	48	—	48
Ice harvesting . . . . .	120	—	120
<b>Extraction of Minerals.</b>	<b>205</b>	<b>1</b>	<b>206</b>
Quarrying . . . . .	205	1	206
<b>Building Trades.</b>	<b>6,273</b>	<b>24</b>	<b>6,297</b>
Hand trades . . . . .	6,273	24	6,297
<b>Chemical and Allied Products.</b>	<b>589</b>	<b>2</b>	<b>591</b>
Fertilizers . . . . .	65	—	65
Paints, varnish and japanning . . . . .	75	—	75
Powder, cartridges, fireworks, etc., makers . . . . .	19	—	19
Soap makers . . . . .	137	—	137
Other chemical workers . . . . .	293	2	295
<b>Clay, Glass and Stone Products.</b>	<b>488</b>	<b>2</b>	<b>490</b>
Brick makers . . . . .	61	—	61
Potteries . . . . .	14	—	14
Tile makers . . . . .	47	—	47
Glass makers, workers . . . . .	57	—	57
Lime, cement and gypsum . . . . .	101	—	101
Marble and stone cutters . . . . .	203	2	205
Mica, isinglass . . . . .	5	—	5
<b>Clothing.</b>	<b>528</b>	<b>1</b>	<b>529</b>
Clothing makers . . . . .	436	1	437
Corset makers . . . . .	13	—	13
Hat makers, wool or felt . . . . .	43	—	43
Shirt, collar and cuff makers . . . . .	36	—	36
<b>Food and Kindred Products.</b>	<b>2,202</b>	<b>8</b>	<b>2,210</b>
Bakery, bread and other bakers products . . . . .	597	3	600
Butter and cheese makers . . . . .	114	—	114
Candy, confectionery . . . . .	297	1	298
Fish curers and packers . . . . .	239	3	242
Flour and grain mills . . . . .	3	—	3
Fruit and vegetable canners . . . . .	40	—	40
Slaughter and packing houses . . . . .	502	1	503
Sugar makers and refiners . . . . .	89	—	89
Other food preparers . . . . .	321	—	321
<b>Iron and Steel and Their Products</b>	<b>4,335</b>	<b>132</b>	<b>4,467</b>
Agricultural implements . . . . .	1	—	1
Automobile factories . . . . .	461	—	461
Car and railroad shops . . . . .	21	3	24
Foundries and metal working, tools, forging . . . . .	1,339	100	1,439
Manufacture of aeroplanes . . . . .	2	—	2
Ship and boat building . . . . .	645	1	646
Wagons and carriages . . . . .	3	—	3
Other iron and steel workers . . . . .	1,863	28	1,891
<b>Leather and Its Finished Products.</b>	<b>2,555</b>	<b>10</b>	<b>2,565</b>
Harness and saddle makers and repairers . . . . .	4	—	4
Leather belt, leather case, pocketbook makers . . . . .	103	3	106
Shoes . . . . .	1,629	2	1,631
Tanneries . . . . .	806	5	811
Trunk makers . . . . .	13	—	13
<b>Liquors and Beverages.</b>	<b>154</b>	<b>—</b>	<b>154</b>
Breweries . . . . .	5	—	5
Distilleries . . . . .	4	—	4
Other liquor and beverage workers . . . . .	145	—	145
<b>Lumber and Its Re-manufacture.</b>	<b>1,416</b>	<b>7</b>	<b>1,423</b>
Box makers (wood) . . . . .	163	—	163
Furniture . . . . .	464	2	466
Pianos and organs . . . . .	56	—	56
Saw and planing mills . . . . .	140	3	143
Other woodworkers . . . . .	593	2	595
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>585</b>	<b>—</b>	<b>585</b>
Brass mills . . . . .	64	—	64
Clock factories . . . . .	11	—	11
Copper factories . . . . .	86	—	86
Gold and silver factories . . . . .	74	—	74
Jewelry factories . . . . .	61	—	61

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1930 to June 30, 1931 — Concluded.*

INDUSTRIES.	Insured.	Not Insured.	Total.
<b>Metals and Metal Products Other than Iron and Steel—Con.</b>			
Lead and zinc factories . . . . .	98	—	98
Tin-plate factories . . . . .	63	—	63
Watch factories . . . . .	19	—	19
Copper and brass . . . . .	65	—	65
Other metal workers . . . . .	44	—	44
<b>Paper</b>	<b>1,377</b>	<b>1</b>	<b>1,378</b>
Box makers (paper) . . . . .	233	1	234
Makers of blank books, envelopes, tags, labels, paper bags . . . . .	169	—	169
Paper and pulp mills . . . . .	613	—	613
Pulp mills . . . . .	6	—	6
Other paper goods . . . . .	356	—	356
<b>Printing and Bookbinding</b>	<b>732</b>	<b>12</b>	<b>744</b>
Printing and publishing establishments . . . . .	732	12	744
<b>Textiles</b>	<b>3,514</b>	<b>45</b>	<b>3,559</b>
Carpet mills . . . . .	95	—	95
Cotton mills . . . . .	1,265	42	1,307
Dyeing and finishing textiles . . . . .	358	—	358
Hemp and jute mills . . . . .	33	—	33
Knitting mills . . . . .	138	—	138
Linen mills . . . . .	17	—	17
Print works . . . . .	88	—	88
Rope and cordage factories, twine . . . . .	42	—	42
Sail, awning and tent makers . . . . .	14	—	14
Silk mills . . . . .	174	1	175
Woolen mills, worsted mills . . . . .	964	—	964
Not specified textile workers . . . . .	326	2	328
<b>Miscellaneous Industries.</b>	<b>3,652</b>	<b>126</b>	<b>3,778</b>
Broom and brush makers . . . . .	22	—	22
Button makers . . . . .	1	—	1
Cigars and tobacco . . . . .	39	—	39
Electric light and power companies . . . . .	398	2	400
Electrical supplies . . . . .	829	4	833
Gas works . . . . .	262	80	342
Oil works . . . . .	328	—	328
Rubber factories . . . . .	748	—	748
Straw workers . . . . .	18	—	18
Gas and electric companies . . . . .	181	1	182
Other miscellaneous industries and occupations . . . . .	826	39	865
<b>Water Transportation</b>	<b>287</b>	<b>131</b>	<b>418</b>
Water transportation . . . . .	287	131	418
<b>Transportation, Road, Etc.</b>	<b>5,651</b>	<b>575</b>	<b>6,226</b>
Construction, and maintenance of roads, street, etc. . . . .	3,324	50	3,374
Livery stables . . . . .	22	—	22
Truck, transfer cab and hack companies, garages . . . . .	1,836	21	1,857
Street railways . . . . .	469	63	532
Steam railroads . . . . .	—	441	441
<b>Express Companies.</b>	<b>147</b>	<b>241</b>	<b>388</b>
Express companies . . . . .	147	241	388
<b>Telephone and Telegraph.</b>	<b>—</b>	<b>220</b>	<b>220</b>
Telephone and telegraph . . . . .	—	220	220
<b>Aeroplane Transportation.</b>	<b>14</b>	<b>—</b>	<b>14</b>
Aeroplane transportation . . . . .	14	—	14
<b>Other Persons in Transportation.</b>	<b>142</b>	<b>2</b>	<b>144</b>
Other persons in transportation . . . . .	142	2	144
<b>Trade.</b>	<b>8,610</b>	<b>386</b>	<b>8,996</b>
Banking and brokerage . . . . .	101	—	101
Insurance . . . . .	109	8	117
Real estate . . . . .	400	5	405
Wholesale and retail trade . . . . .	7,711	373	8,084
Elevators . . . . .	48	—	48
Warehouses and cold-storage plants . . . . .	170	—	170
Other persons in trade . . . . .	68	—	68
Clerical assistants, (industry, business or profession not specified) . . . . .	3	—	3
<b>Professional Service.</b>	<b>716</b>	<b>60</b>	<b>776</b>
Professional service . . . . .	716	60	776
<b>Domestic and Personal Service.</b>	<b>3,048</b>	<b>22</b>	<b>3,070</b>
Occupations not in industries . . . . .	2,531	18	2,549
Laundry and laundry work . . . . .	517	4	521
<b>Grand total</b>	<b>47,988</b>	<b>2,018</b>	<b>50,006</b>

TABLE II. — *Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1930 to June 31, 1930.*

Number of employees receiving medical services only . . . . .	77,493	
Payments made . . . . .		\$804,300 22
Outstanding payments . . . . .		59,512 63
		<hr/> \$863,812 85
Number of employees receiving compensation only . . . . .	3,453	
Payments made . . . . .		\$224,594 99
Outstanding payments . . . . .		47,320 42
		<hr/> \$271,915 41
Number of employees requiring both medical services and compensation . . . . .	28,772	
Medical payments made . . . . .		\$1,530,288 44
Medical payments outstanding . . . . .		466,718 82
		<hr/> \$1,997,007 26
Compensation payments made . . . . .		3,172,421 65
Compensation payments outstanding . . . . .		1,824,810 04
		<hr/> \$4,997,231 69
Number of employees requiring neither medical services nor compensation . . . . .	36,023	
Total dependency fatalities . . . . .	175	
Compensation payments made . . . . .		\$94,225 25
Outstanding compensation payments . . . . .		651,984 95
		<hr/> \$746,210 95
Partial dependency fatalities . . . . .	50	
Compensation payments made . . . . .		\$20,073 70
Outstanding compensation payments . . . . .		68,125 77
		<hr/> \$88,199 47
No dependency fatalities . . . . .	16	
Compensation payments made . . . . .		\$1,748 72
Outstanding compensation payments . . . . .		2,200 00
		<hr/> \$3,948 72
<hr/>		
Number of fatal cases reported to insurers . . . . .		241
Number of non-fatal cases reported to insurers . . . . .		145,741
		<hr/> 145,982
Total number reported to insurers . . . . .		
Total medical paid . . . . .		\$2,259,675 90
Total medical outstanding . . . . .		610,876 65
		<hr/> \$2,870,552 55
Total fatal compensation paid . . . . .		\$116,047 67
Total fatal compensation outstanding . . . . .		722,310 72
		<hr/> \$838,358 39
Total non-fatal compensation paid . . . . .		\$3,397,016 64
Total non-fatal compensation outstanding . . . . .		1,872,130 46
		<hr/> \$5,269,147 10
Total payments made . . . . .		\$5,772,740 21
Total payments outstanding . . . . .		3,205,317 83
		<hr/> \$8,978,058 04

TABLE III. — *Frequency of Injuries, by Industry and Extent of Disability, July 1, 1930, to June 30, 1931*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.												
	Total. Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.									
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year. Total.
<b>Agricultural, Forestry, and Animal Husbandry.</b>													
Agriculture . . . . .	778	1	—	94	160	111	101	67	136	48	24	19	6
Forestry . . . . .	460	1	—	57	93	75	59	39	79	24	9	12	4
Animal husbandry . . . . .	130	—	3	21	34	21	20	14	19	11	5	2	—
Ice Harvesting . . . . .	48	—	—	6	12	8	6	3	9	1	3	—	—
Ice Harvesting . . . . .	120	—	—	10	21	7	16	11	29	12	7	5	2
<b>Extraction of Minerals.</b>													
Quarrying . . . . .	206	5	—	20	46	17	21	15	37	19	6	7	2
Quarrying . . . . .	206	5	—	20	46	17	21	15	37	19	6	7	2
<b>Building Trades.</b>													
Hand trades . . . . .	6,297	38	1	803	1,114	566	717	556	1,212	487	381	246	79
Hand trades . . . . .	6,297	38	1	803	1,114	566	717	556	1,212	487	381	246	79
<b>Chemical and Allied Products.</b>													
Fertilizers . . . . .	591	3	—	102	118	66	70	44	88	39	30	15	1
Fertilizers . . . . .	65	—	—	14	15	5	7	6	7	4	2	3	—
Paints, varnish, japanning . . . . .	75	—	—	15	10	10	13	2	12	7	4	1	—
Powder, cartridges, fireworks, etc., makers . . . . .	19	1	—	1	6	2	1	1	4	1	2	—	—
Soap makers . . . . .	137	—	—	28	30	16	14	10	16	7	8	1	—
Other chemical workers . . . . .	235	2	—	44	57	33	35	25	49	20	14	10	1
<b>Clay, Glass and Stone Products.</b>													
Brickmakers . . . . .	490	4	—	77	88	55	69	30	74	31	28	12	6
Potteries . . . . .	61	—	—	9	9	8	8	3	12	4	5	2	—
Tile makers . . . . .	14	—	—	2	—	—	4	—	3	4	—	1	—
Glass makers and workers . . . . .	47	—	—	10	11	8	3	2	4	5	4	—	—
Lime, cement and gypsum . . . . .	57	—	—	6	8	10	16	3	9	1	3	—	—
Marble and stone cutters . . . . .	101	1	—	15	19	12	15	10	11	4	6	2	1
Mica and isinglass . . . . .	205	3	—	35	41	17	23	12	33	11	9	7	4
Mica and isinglass . . . . .	5	—	—	—	—	—	—	—	2	2	1	—	—
<b>Clothing.</b>													
Clothing makers . . . . .	529	1	—	71	110	77	76	50	82	35	11	10	—
Corset makers . . . . .	437	1	—	51	88	65	68	43	69	29	11	7	—
Hat makers, wool or felt . . . . .	13	—	—	3	—	3	1	2	3	1	—	—	—
Shirt, collar and cuff makers . . . . .	43	—	—	3	14	5	4	4	9	3	—	1	—
Shirt, collar and cuff makers . . . . .	36	—	—	14	8	4	3	1	1	2	—	2	—
<b>Food and Kindred Products.</b>													
Bakeries . . . . .	2,210	13	1	330	494	306	314	190	305	101	79	39	5
Butter and cheese makers . . . . .	600	3	—	65	115	77	81	64	100	36	29	16	4
Candy and confectionery . . . . .	114	2	—	18	27	17	17	10	12	6	6	3	—
Fish curers and packers . . . . .	298	1	—	48	62	42	43	22	42	10	16	4	1
Flour and grain mills . . . . .	242	1	—	33	53	40	48	20	31	7	3	3	—
Flour and grain mills . . . . .	3	—	—	1	—	—	2	—	—	—	—	—	—
Fruit and vegetable canners . . . . .	40	—	—	7	14	4	4	5	3	2	—	1	—

Slaughter and packing houses	503	1	—	5	92	137	69	67	34	58	20	14	6	—	497
Sugar makers and refiners	89	1	—	1	20	19	10	11	7	16	4	—	88	—	88
Other food preparers.	321	3	1	6	45	75	47	41	28	43	16	11	5	—	311
<b>Iron and Steel and Their Products.</b>	<b>4,467</b>	<b>21</b>	—	<b>165</b>	<b>505</b>	<b>902</b>	<b>553</b>	<b>523</b>	<b>411</b>	<b>806</b>	<b>319</b>	<b>138</b>	<b>99</b>	<b>25</b>	<b>4,281</b>
Agricultural implements	1	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Automobile factories	461	1	—	11	48	126	47	56	49	66	29	12	12	4	449
Car and railroad shops	24	—	—	1	1	3	4	2	2	1	5	3	1	1	23
Foundries and metal working tools	1,439	7	—	55	166	277	170	161	148	263	105	47	34	6	1,377
Manufacture of airplanes	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Ship and boat building	646	4	—	16	83	148	85	77	49	112	45	17	7	3	626
Wagons and carriages	3	—	—	—	—	—	—	—	—	1	—	—	—	1	3
Other iron and steel workers	1,891	9	—	82	206	348	246	227	162	362	135	59	45	10	1,800
<b>Leather and Its Finished Products.</b>	<b>2,565</b>	<b>6</b>	—	<b>58</b>	<b>325</b>	<b>498</b>	<b>309</b>	<b>345</b>	<b>213</b>	<b>451</b>	<b>197</b>	<b>92</b>	<b>62</b>	<b>9</b>	<b>2,501</b>
Harness and saddle makers and repairers	4	—	—	—	—	2	1	—	—	1	—	—	—	—	4
Leather belt, leather case and pocketbook makers	106	—	—	3	28	18	11	12	6	18	6	3	1	—	103
Shoes	1,631	1	—	39	190	311	186	227	151	295	122	61	42	6	1,591
Tanneries	811	5	—	16	105	164	111	104	54	135	68	27	19	3	790
Trunk makers.	13	—	—	—	2	3	—	2	2	2	1	1	—	—	13
<b>Liquors and Beverages.</b>	<b>154</b>	<b>1</b>	—	<b>3</b>	<b>20</b>	<b>23</b>	<b>25</b>	<b>19</b>	<b>15</b>	<b>29</b>	<b>9</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>150</b>
Breweries	5	—	—	—	—	—	3	—	2	—	—	—	—	—	5
Distilleries	4	—	—	—	—	—	—	—	—	—	3	—	—	—	4
Other liquor and beverage workers	145	1	—	3	20	23	22	19	13	29	6	3	5	1	141
<b>Lumber and Its Re-manufacture.</b>	<b>1,423</b>	<b>7</b>	—	<b>73</b>	<b>217</b>	<b>260</b>	<b>177</b>	<b>170</b>	<b>127</b>	<b>243</b>	<b>85</b>	<b>39</b>	<b>19</b>	<b>6</b>	<b>1,343</b>
Box makers (wood)	163	1	—	12	14	24	29	19	14	35	7	4	4	1	151
Furniture	466	1	—	17	81	89	71	58	36	63	33	14	2	1	448
Pianos and organs	56	—	—	4	8	6	5	2	5	18	5	1	2	—	52
Saw and planing mills	143	2	—	9	19	25	18	16	14	29	2	5	3	1	132
Other wood workers.	595	4	—	31	95	116	54	75	58	98	38	15	8	3	560
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>585</b>	<b>2</b>	—	<b>34</b>	<b>75</b>	<b>109</b>	<b>54</b>	<b>74</b>	<b>52</b>	<b>109</b>	<b>39</b>	<b>22</b>	<b>13</b>	<b>2</b>	<b>549</b>
Brass mills	64	—	—	—	10	14	8	9	3	9	2	8	1	—	64
Clock factories	11	—	—	—	2	3	—	—	—	2	2	—	—	—	11
Copper factories	86	—	—	2	8	20	2	7	11	27	5	3	1	—	84
Gold and silver factories	74	—	—	5	10	14	10	7	7	12	5	2	1	1	68
Jewelry factories	61	—	—	12	9	9	9	2	5	10	2	1	1	1	49
Lead and zinc factories	98	—	—	3	11	21	9	18	8	16	7	1	4	—	95
Tin plate factories	63	—	—	9	5	5	4	14	6	13	5	1	1	—	54
Watch factories	19	—	—	1	2	6	2	2	1	2	2	1	—	—	18
Copper and brass factories	65	—	—	2	7	6	6	10	8	15	7	3	1	—	63
Other metal workers	44	2	—	—	11	11	3	5	3	3	2	2	2	—	42
<b>Paper.</b>	<b>1,378</b>	<b>12</b>	—	<b>43</b>	<b>165</b>	<b>290</b>	<b>181</b>	<b>151</b>	<b>132</b>	<b>246</b>	<b>87</b>	<b>39</b>	<b>28</b>	<b>4</b>	<b>1,323</b>
Box makers	234	1	—	9	31	53	24	20	27	39	17	5	8	—	224
Makers of blank books, envelopes, tags and labels, bags.	169	—	—	5	27	21	26	24	14	33	10	7	1	1	164

TABLE III — Frequency of Injuries, by Industry and Extent of Disability, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.												TEMPORARY DISABILITIES.											
	Per- manent Total Disa- bilities.				Per- manent Partial Disa- bilities.				Total. Deaths.															
	1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.	1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.		
<b>Paper—Con.</b>																								
Paper and pulp mills . . . . .	613	7	—	22	64	121	85	71	66	103	39	19	15	1	584									
Pulp mills . . . . .	6	1	—	—	—	2	3	—	—	—	—	—	—	—	5									
Other paper goods . . . . .	356	3	—	7	43	93	43	36	25	71	21	8	4	2	346									
<b>Printing and Bookbinding.</b>																								
Printing and publishing establishments . . . . .	744	4	—	24	133	164	89	72	58	127	43	17	11	2	716									
	744	4	—	24	133	164	89	72	58	127	43	17	11	2	716									
<b>Textiles.</b>																								
Carpet mills . . . . .	3,559	12	—	109	386	765	420	416	308	622	276	143	80	22	3,438									
Cotton mills . . . . .	95	3	—	2	16	15	6	18	7	21	6	1	1	2	93									
Dyeing and finishing textiles . . . . .	1,307	3	—	35	136	294	155	142	117	239	97	53	30	6	1,269									
Hemp and jute mills . . . . .	358	4	—	12	50	87	38	36	26	63	22	10	9	1	342									
Knitting mills . . . . .	31	—	—	—	4	4	2	4	2	9	3	—	—	—	31									
Linen mills . . . . .	140	—	—	2	21	38	21	13	8	21	10	2	4	—	138									
Print works . . . . .	17	—	—	—	—	3	3	3	1	1	3	—	—	—	15									
Rope and cordage factories, twine . . . . .	88	1	—	4	7	16	6	12	7	23	9	3	—	—	83									
Sail, awning and tent makers . . . . .	42	—	—	4	1	4	4	5	5	9	6	4	—	—	38									
Silk mills . . . . .	14	—	—	—	—	5	3	1	—	3	1	—	—	—	14									
Woolen and worsted mills . . . . .	175	—	—	6	17	32	28	25	18	23	17	2	5	2	169									
Not specified textile workers . . . . .	964	3	—	34	98	218	122	110	88	144	77	45	17	8	927									
	328	1	—	8	36	49	32	47	29	66	25	21	12	2	319									
<b>Miscellaneous Industries.</b>																								
Broom and brush makers . . . . .	3,778	26	—	103	512	755	514	486	312	622	244	116	71	17	3,649									
Button makers . . . . .	22	—	—	—	4	3	5	3	—	4	—	—	—	—	22									
Cigars . . . . .	1	—	—	—	—	—	—	1	—	—	—	—	—	—	1									
Electric light and power companies . . . . .	39	—	—	—	9	10	6	3	3	5	1	1	1	—	39									
Electrical supplies . . . . .	400	8	—	4	75	99	63	42	21	52	18	8	10	—	388									
Gas works . . . . .	833	3	—	36	72	121	107	133	73	173	64	33	12	6	794									
Oil works . . . . .	342	—	—	2	57	91	63	34	28	40	18	3	4	2	340									
Rubber factories . . . . .	328	—	—	5	55	77	44	33	20	53	17	15	7	2	323									
Straw workers . . . . .	748	3	—	18	102	122	82	89	78	140	53	33	24	4	727									
Gas and electric companies . . . . .	18	—	—	1	1	6	1	3	2	2	1	—	—	—	17									
Other miscellaneous industries and occupations . . . . .	182	7	—	6	29	42	24	21	12	25	10	3	—	—	169									
	865	5	—	31	108	184	119	121	75	128	60	19	12	3	829									
<b>Water Transportation.</b>																								
Water transportation . . . . .	418	4	—	3	49	85	48	60	38	77	32	13	8	1	411									
	418	4	—	3	49	85	48	60	38	77	32	13	8	1	411									
<b>Transportation, Road, Etc.</b>																								
Road, street, bridge, construction of . . . . .	6,226	72	2	81	839	1,217	688	737	514	1,188	414	252	175	47	6,071									
	3,374	30	1	57	383	589	352	394	290	700	253	164	128	33	3,286									







Slaughter and packing houses . . .	23,571	6,000	—	6,450	238	740	784	1,222	845	2,276	1,445	1,738	1,833	—	11,121
Sugar makers and refiners . . .	3,598	—	—	1,800	50	109	117	198	169	637	293	—	225	—	1,798
Other food preparers . . .	34,755	18,000	6,000	2,550	115	446	529	727	711	1,685	1,230	1,452	1,310	—	8,205
<b>Iron and Steel and Their Products.</b>	<b>367,942</b>	<b>126,000</b>	<b>—</b>	<b>102,900</b>	<b>1,296</b>	<b>5,050</b>	<b>6,433</b>	<b>9,501</b>	<b>10,435</b>	<b>31,707</b>	<b>22,541</b>	<b>17,074</b>	<b>24,457</b>	<b>10,548</b>	<b>139,042</b>
Agricultural implements . . .	36	—	—	—	—	—	—	—	—	36	—	—	—	—	36
Automobile factories . . .	26,144	6,000	—	5,550	123	769	557	1,024	1,255	2,634	2,029	1,585	2,990	1,628	14,594
Car and railroad shops . . .	1,881	—	—	300	2	15	46	35	50	42	377	364	200	450	1,581
Foundries and metal working tools . . .	123,711	42,000	—	36,000	429	1,532	2,001	2,961	3,774	10,450	7,482	5,785	8,656	2,641	45,711
Manufacture of airplanes . . .	51,885	24,000	—	10,800	2	—	—	—	27	4,247	—	—	—	—	29
Ship and boat building . . .	2,289	—	—	—	209	782	965	1,386	1,237	4,247	3,128	2,042	1,782	1,287	17,085
Wagons and carriages . . .	450	—	—	—	—	—	9	—	—	34	—	—	—	407	450
Other iron and steel workers . . .	163,806	54,000	—	50,250	531	1,952	2,855	4,095	4,072	14,264	9,525	7,298	10,829	4,135	59,556
<b>Leather and Its Finished Products.</b>	<b>157,896</b>	<b>36,000</b>	<b>—</b>	<b>39,600</b>	<b>850</b>	<b>2,779</b>	<b>3,626</b>	<b>6,266</b>	<b>5,439</b>	<b>17,847</b>	<b>14,178</b>	<b>11,719</b>	<b>15,948</b>	<b>3,644</b>	<b>82,296</b>
Harness and saddle makers and re- pairs . . .	59	—	—	—	—	10	8	—	—	41	—	—	—	—	59
Leather belt, leather case and pocket- book makers . . .	6,161	—	—	3,600	71	95	115	219	152	738	445	371	355	—	2,561
Shoes . . .	82,230	6,000	—	22,800	501	1,735	2,191	4,137	3,854	11,680	8,794	7,638	10,481	2,419	53,430
Tanneries . . .	69,009	30,000	—	13,200	273	924	1,312	1,872	1,378	5,326	4,864	3,613	5,112	1,225	25,899
Trunk makers . . .	347	—	—	—	5	15	—	38	55	62	75	97	—	—	347
<b>Liquors and Beverages.</b>	<b>13,086</b>	<b>6,000</b>	<b>—</b>	<b>1,650</b>	<b>49</b>	<b>127</b>	<b>303</b>	<b>340</b>	<b>379</b>	<b>1,142</b>	<b>703</b>	<b>381</b>	<b>1,562</b>	<b>450</b>	<b>5,436</b>
Breweries . . .	89	—	—	—	—	—	38	—	51	—	—	—	200	—	89
Distilleries . . .	458	—	—	—	—	—	—	—	—	—	258	—	—	—	458
Other liquor and beverage workers . . .	12,539	6,000	—	1,650	49	127	265	340	328	1,142	445	381	1,362	450	4,889
<b>Lumber and Its Re-manufacture.</b>	<b>126,520</b>	<b>42,000</b>	<b>—</b>	<b>46,800</b>	<b>564</b>	<b>1,458</b>	<b>2,039</b>	<b>3,070</b>	<b>3,218</b>	<b>9,458</b>	<b>6,024</b>	<b>4,799</b>	<b>4,690</b>	<b>2,400</b>	<b>37,720</b>
Box makers (wood) . . .	11,312	—	—	6,300	34	138	331	352	358	1,388	503	488	1,020	400	5,012
Furniture . . .	27,996	6,000	—	11,000	215	501	832	1,051	919	2,451	1,655	1,468	2,451	400	10,896
Pianos and organs . . .	4,913	—	—	3,000	19	33	56	34	129	694	328	120	500	—	1,913
Saw and planing mills . . .	19,674	12,000	—	3,600	53	144	207	285	351	1,205	156	624	649	400	4,074
Other wood workers . . .	62,625	24,000	—	22,800	243	642	613	1,348	1,461	3,720	2,633	1,912	2,053	1,200	15,825
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>50,693</b>	<b>12,000</b>	<b>—</b>	<b>20,550</b>	<b>197</b>	<b>601</b>	<b>620</b>	<b>1,363</b>	<b>1,313</b>	<b>4,271</b>	<b>2,756</b>	<b>2,821</b>	<b>3,301</b>	<b>900</b>	<b>18,143</b>
Brass mills . . .	2,127	—	—	—	23	73	82	169	73	385	152	980	190	—	2,127
Clock factories . . .	454	—	—	—	6	15	8	—	—	77	148	—	200	—	454
Copper factories . . .	4,124	—	—	1,500	20	113	25	127	289	1,058	372	340	280	—	2,624
Gold and silver factories . . .	4,636	—	—	2,250	27	126	126	125	175	488	341	274	300	450	2,386
Jewelry factories . . .	8,950	—	—	7,200	25	52	107	40	130	395	147	104	300	450	1,750
Lead and zinc factories . . .	4,187	—	—	1,200	29	112	105	317	200	613	490	137	984	—	2,387
Tin plate factories . . .	7,210	—	—	5,550	13	23	42	260	150	493	331	151	197	—	1,660
Watch factories . . .	775	—	—	300	5	30	23	40	26	76	131	134	—	—	475
Copper and brass factories . . .	4,824	—	—	2,550	17	38	71	192	198	574	499	427	258	—	2,274
Other metal workers . . .	13,406	12,000	—	—	32	65	31	93	72	112	135	274	592	—	1,406
<b>Paper.</b>	<b>148,939</b>	<b>72,000</b>	<b>—</b>	<b>37,100</b>	<b>430</b>	<b>1,614</b>	<b>2,118</b>	<b>2,737</b>	<b>3,292</b>	<b>9,722</b>	<b>6,223</b>	<b>4,816</b>	<b>7,237</b>	<b>1,650</b>	<b>39,839</b>
Box makers . . .	19,529	6,000	—	6,450	84	308	291	368	676	1,484	1,157	557	2,154	—	7,079
Makers of blankbooks, envelopes, tags and labels, bags . . .	9,369	—	—	4,500	74	113	300	433	341	1,311	732	865	300	400	4,869





Livery stables	12,665	12,000	-	-	6	17	36	35	76	117	122	256	-	-	665
Truck, transfer, hack and cab companies	193,600	126,000	-	13,050	716	2,326	2,421	4,239	3,892	12,534	7,544	7,545	8,249	5,084	54,550
Street railways	69,501	48,000	-	6,000	202	551	708	1,041	1,020	4,245	2,338	2,379	2,567	450	18,501
Steam railroads	81,468	66,000	6,000	1,200	250	650	706	955	724	2,165	1,284	555	600	379	8,268
Express Companies.															
Express companies	7,987	-	-	-	176	650	715	939	349	2,043	381	1,260	1,474	-	7,987
	7,987	-	-	-	176	650	715	939	349	2,043	381	1,260	1,474	-	7,987
Telephone and Telegraph.															
Telephone and telegraph	22,823	18,000	-	-	62	270	573	512	383	1,195	1,033	595	200	-	4,823
	22,823	18,000	-	-	62	270	573	512	383	1,195	1,033	595	200	-	4,823
Air Transportation.															
Air transportation	6,257	6,000	-	-	5	16	12	19	53	152	-	-	-	-	257
	6,257	6,000	-	-	5	16	12	19	53	152	-	-	-	-	257
Other Persons in Transportation.															
Other persons in transportation	23,734	18,000	-	600	34	79	125	509	411	1,348	836	1,242	550	-	5,134
	23,734	18,000	-	600	34	79	125	509	411	1,348	836	1,242	550	-	5,134
Trade.															
Banking and brokerage	524,185	198,000	6,000	73,500	3,799	11,342	14,063	20,495	18,510	52,902	35,694	36,320	40,967	12,593	246,685
Insurance	4,487	-	-	1,200	49	105	163	186	152	501	705	483	543	400	3,287
Real estate	3,782	-	-	-	60	144	228	180	175	754	620	408	388	825	3,782
Wholesale and retail trade	50,262	24,000	510	9,150	109	315	510	1,075	1,137	3,182	2,034	3,573	3,967	1,200	17,112
Elevators	453,732	174,000	6,000	61,350	3,468	10,384	12,741	18,489	16,234	46,588	31,102	30,579	35,049	9,768	214,402
Warehouses and cold-storage plants	1,157	-	-	-	19	70	39	118	179	280	245	207	-	-	1,157
Other persons in trade	6,583	-	-	1,800	62	231	337	362	404	1,075	266	626	1,020	400	4,783
Clerical assistants, industry, business or profession, not specified	2,079	-	-	-	32	88	37	85	219	522	652	444	-	-	2,079
	83	-	-	-	-	5	8	-	-	-	70	-	-	-	83
Professional Service.															
Professional service	49,641	24,000	-	6,150	338	1,110	1,283	1,477	1,340	4,127	2,999	2,637	3,345	835	19,491
	49,641	24,000	-	6,150	338	1,110	1,283	1,477	1,340	4,127	2,999	2,637	3,345	835	19,491
Domestic and Personal Service.															
Occupations not in industries	157,006	36,000	-	26,700	1,135	3,512	5,247	7,529	6,982	17,940	13,419	15,820	15,497	7,245	94,306
Laundry and laundry work	120,466	24,000	-	20,400	1,012	2,845	4,474	5,950	5,952	14,498	11,079	12,456	12,834	5,166	76,066
	36,540	12,000	-	6,300	123	667	773	1,579	1,010	3,442	2,340	3,364	2,863	2,079	18,240
Grand total	4,072,628	1,692,000	30,000	755,900	17,845	57,496	71,434	112,183	107,582	334,495	233,436	242,074	298,098	120,085	1,594,728

TABLE V. — Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1930, to June 30, 1931.

ACTUAL AGE.	Total Cases.	TOTAL MALES.				TOTAL FEMALES.					
		Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.
11	2	2	—	—	—	2	—	—	—	—	—
12	3	3	—	—	—	3	2	—	—	—	2
13	5	45	2	—	—	43	8	—	—	—	8
14	53	123	1	—	3	119	25	—	—	—	23
15	148	404	1	—	7	396	136	1	—	2	132
16	540	614	1	—	16	597	260	—	—	3	254
17	874	1,020	7	—	17	996	248	—	—	6	245
18	1,268	1,143	7	—	22	1,119	258	—	—	3	253
19	1,401	1,171	2	—	19	1,149	258	—	—	5	256
20	1,429	1,171	3	—	27	1,433	241	—	—	2	240
21	1,710	1,469	8	1	29	1,519	216	—	—	1	212
22	1,760	1,544	6	—	19	1,519	188	1	—	4	212
23	1,527	1,339	4	—	29	1,306	156	—	—	4	183
24	1,339	1,339	7	—	22	1,310	156	—	—	—	156
25	1,495	1,339	6	—	29	1,409	195	—	—	—	195
26	1,631	1,436	3	—	21	1,409	134	—	—	1	133
27	1,350	1,216	6	—	30	1,183	107	—	—	1	106
28	1,313	1,206	4	—	11	1,191	108	—	—	—	108
29	1,472	1,364	6	—	23	1,335	102	—	—	1	101
30	1,099	1,397	1	—	17	979	155	—	—	1	154
31	2,098	1,943	13	—	30	1,900	71	—	—	1	70
32	864	893	4	—	15	874	105	—	—	7	98
33	1,295	1,190	6	—	25	1,159	83	—	—	1	82
34	1,092	1,009	5	—	17	987	78	—	—	1	78
35	1,109	1,031	5	—	18	1,008	161	—	—	2	159
36	1,964	1,803	7	—	33	1,763	99	—	—	2	97
37	1,270	1,171	6	—	23	1,142	81	—	—	1	80
38	945	864	8	—	15	841	120	—	—	3	117
39	1,392	1,272	4	—	27	1,241	83	—	—	2	81
40	984	901	5	—	21	875	168	—	—	2	168
41	1,791	1,623	7	—	38	1,578	44	—	—	3	41
42	814	770	3	—	19	748	84	—	—	3	81
43	1,126	1,126	6	—	23	1,097	61	—	—	3	60
44	828	767	5	—	17	745	41	1	—	1	40
45	806	765	2	—	28	735	120	—	—	1	119
46	1,368	1,248	12	—	36	1,200	58	—	—	2	56
47	712	714	4	—	21	689	40	—	—	—	40
48	656	616	7	—	19	590	58	—	—	—	58
49	862	804	3	1	22	778	58	—	—	—	58



[illegible]





TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.

INDUSTRIES.		NUMBER OF TABULATABLE INJURIES.													
Under		\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
<b>Printing and Bookbinding.</b>															
Printing and bookbinding establishments	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Textiles.</b>															
Carpet mills	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cotton mills	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Dyeing and finishing textiles	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hemp and jute mills	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Knitting mills	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Linen mills	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Print works	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rope and cordage factories, twine	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sail, awning and tent makers	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Silk mills	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Woolen mills, worsted mills	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Not specified textile workers	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Miscellaneous Industries.</b>															
Broom and brush makers	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cigars and cigarettes	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Button makers	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Electric light and power companies	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Electrical supplies, machinery, apparatus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Gas works	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Oil works	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rubber factories	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Straw factories	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Gas and electric companies	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other miscellaneous industries	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Water Transportation.</b>															
Water transportation	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Road, Street and Bridge Transportation.</b>															
Construction of roads, streets, etc.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Livery stables	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Truck, transfer, cab and hack companies garages	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Street railways	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Steam railroads	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Express Companies.</b>															
Express companies	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Telephone and Telegraph.		48	11	4	3	2	3	5	8	6	7	5	7	6	9
Telephone and telegraph . . . . .		48	11	4	3	2	3	5	8	6	7	5	7	6	9
Air Transportation.		1	1	—	—	—	—	—	—	—	—	1	—	—	—
Air transportation . . . . .		1	1	—	—	—	—	—	—	—	—	1	—	—	—
Other Persons in Transportation.		—	—	—	—	—	—	—	—	2	1	—	2	—	1
Other persons in transportation . . . . .		—	—	—	—	—	—	—	—	2	1	—	2	—	1
Trade.		199	104	64	281	58	171	333	165	124	448	86	449	139	307
Banking and brokerage . . . . .		2	—	—	8	2	2	3	1	3	2	2	4	3	1
Insurance . . . . .		—	3	—	—	—	2	7	5	6	3	2	4	2	—
Real estate . . . . .		6	6	13	18	5	4	21	7	3	24	8	26	5	8
Wholesale and retail trade . . . . .		189	95	51	254	51	161	300	150	108	393	69	409	125	290
Elevators . . . . .		—	—	—	—	—	—	—	—	—	2	—	—	—	—
Warehouses and cold storage plants . . . . .		2	—	—	—	—	—	1	1	1	19	2	3	2	5
Other persons in trade . . . . .		—	—	—	1	—	2	1	1	3	5	2	1	2	2
Clerical assistants, industry, business or profession not specified . . . . .		—	—	—	—	—	—	—	—	—	—	—	—	—	1
Professional Service.		19	16	36	46	22	12	34	23	23	29	31	46	43	28
Professional service . . . . .		19	16	36	46	22	12	34	23	23	29	31	46	43	28
Domestic and Personal Service.		105	82	34	161	60	102	219	112	84	211	60	207	109	118
Occupations not in industries . . . . .		95	70	28	142	41	77	179	91	73	181	55	168	96	104
Laundry and laundry workers . . . . .		10	12	6	19	19	25	40	21	11	30	5	39	13	14
<b>Grand total . . . . .</b>		<b>890</b>	<b>573</b>	<b>344</b>	<b>1,309</b>	<b>501</b>	<b>823</b>	<b>1,562</b>	<b>987</b>	<b>827</b>	<b>1,840</b>	<b>957</b>	<b>2,232</b>	<b>1,348</b>	<b>1,868</b>



TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc.* — Continued.

## NUMBER OF TABULATABLE INJURIES.

INDUSTRIES.	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	Total.
<b>Agriculture, Forestry and Animal Husbandry.</b>														
Agriculture . . . . .	13	140	87	9	63	15	3	76	7	8	4	1	51	778
Forestry . . . . .	12	54	55	2	28	10	2	29	3	5	2	1	30	460
Animal husbandry . . . . .	—	28	12	4	21	2	—	30	2	1	2	—	11	150
Ice harvesting . . . . .	1	6	4	3	13	2	1	3	1	2	—	—	9	48
Quarrying . . . . .	—	52	16	—	13	1	—	14	1	—	—	—	1	120
<b>Extraction of Minerals.</b>														
Quarrying . . . . .	1	6	12	6	11	16	5	20	4	15	4	1	70	206
Hand trades . . . . .	1	6	12	6	11	16	5	20	4	15	4	1	70	206
<b>Building Trades.</b>														
Hand trades . . . . .	31	478	299	138	368	209	46	600	68	212	146	30	2,928	6,297
<b>Chemical and Allied Products.</b>														
Fertilizers . . . . .	51	45	36	19	29	27	9	42	10	10	11	9	81	591
Paints, varnish and japanning . . . . .	3	2	2	—	2	3	—	—	—	1	3	—	6	65
Powder, cartridges, fireworks, etc., makers . . . . .	5	4	4	4	3	2	5	10	—	—	1	1	13	75
Soap makers . . . . .	1	2	3	1	1	1	—	1	—	—	—	—	—	19
Other chemical workers . . . . .	28	19	8	3	10	8	—	6	5	3	2	—	9	137
Clay, Glass and Stone Products.	14	18	19	11	13	13	4	25	5	6	5	8	53	295
Brick makers . . . . .	18	39	23	10	42	13	8	63	4	8	13	4	177	490
Potteries . . . . .	—	13	2	—	9	2	1	4	2	2	3	—	9	61
Tile makers . . . . .	2	—	1	—	1	—	—	3	—	—	—	—	3	14
Glass makers . . . . .	13	3	6	1	4	3	1	3	—	—	2	—	15	47
Lime, cement and gypsum . . . . .	—	2	1	2	4	2	2	3	—	—	2	—	25	57
Marble and stone cutters . . . . .	3	15	9	4	11	5	3	26	—	1	—	1	16	101
Mica and isinglass . . . . .	—	6	4	2	17	1	1	26	2	5	6	3	108	205
<b>Clothing.</b>														
Clothing makers . . . . .	5	11	47	7	2	9	3	26	—	5	—	—	87	529
Corset makers . . . . .	3	7	42	7	2	9	3	20	—	5	—	—	79	437
Hat makers, wool or felt . . . . .	1	—	1	—	—	—	—	2	—	—	—	—	—	13
Shirt, collar and cuff makers . . . . .	1	—	—	—	—	—	—	4	—	—	—	—	4	43
<b>Food and Kindred Products.</b>														
Bakeries, bread and other bakery products . . . . .	58	133	216	67	87	116	32	218	29	59	27	19	344	2,210
Butter and cheese makers . . . . .	13	27	48	15	18	29	8	72	4	11	9	6	132	600
Candy and confectionery . . . . .	1	5	16	2	4	13	1	12	—	7	6	2	28	114
Fish curers and packers . . . . .	8	7	17	11	10	18	7	13	4	3	2	1	26	298
Flour and grain mills . . . . .	5	6	47	3	6	13	1	20	3	2	5	—	31	242
Fruit and vegetable canners . . . . .	1	—	2	—	1	—	—	1	—	—	—	—	—	3

Slaughter and packing houses	16	48	59	19	36	35	11	47	15	20	4	2	62	503
Sugar makers and refiners	8	18	7	2	3	3	2	2	2	1	1	4	4	89
Other food preparers	6	18	30	15	7	15	1	48	1	15	1	4	57	321
<b>Iron and Steel and Their Products.</b>														
Agricultural implements	104	208	288	140	280	161	79	450	84	134	97	49	1,194	4,467
Automobile factories	1	12	29	2	14	5	3	72	3	14	6	2	262	461
Car and railroad shops	2	1	2	1	3	1	1	2	1	14	—	1	7	24
Foundries and metal working, tools	29	79	97	50	80	63	24	140	25	48	31	19	337	1,439
Manufacture of airplanes	1	—	—	—	—	—	—	—	—	—	—	—	—	2
Ship and boat building	18	22	27	27	90	21	11	84	20	16	25	13	128	646
Wagons and carriages	54	94	133	60	93	71	40	152	35	56	35	14	458	1,891
Other iron and steel workers	—	—	—	—	—	—	—	—	—	—	—	—	—	3
<b>Leather and Its Finished Products.</b>														
Harness and saddle makers and repairers	75	133	247	61	69	76	11	229	18	26	19	6	408	2,565
Leather belt, leather case, pocket-book makers	—	—	1	—	5	5	1	5	1	—	—	—	16	106
Shoes	3	8	7	26	32	37	6	150	12	15	13	4	309	1,631
Tanneries	53	80	100	35	32	34	4	73	5	11	5	2	80	411
Trunk makers	—	1	—	—	—	—	—	1	—	—	—	—	3	13
<b>Liquor and Beverages.</b>														
Breweries	—	12	16	4	8	6	—	11	—	16	1	2	24	154
Distilleries	—	—	—	—	—	1	—	1	—	—	—	—	—	5
Other liquor and beverage workers	—	12	16	4	8	5	—	10	—	16	1	2	23	145
<b>Lumber and Its Re-manufacture.</b>														
Box makers (wood)	23	76	124	24	63	39	8	112	8	19	18	2	252	1,423
Furniture	4	14	19	6	9	11	1	11	1	—	1	—	8	163
Pianos and organs	7	22	39	3	—	4	3	31	3	6	5	1	102	466
Saw and planing mills	1	4	4	3	—	4	—	7	—	1	1	—	13	56
Other wood workers	3	13	6	3	17	2	1	16	—	3	2	—	25	143
Other wood workers	8	23	56	12	29	18	3	47	4	9	9	1	104	595
<b>Metal and Metal Products Other than Iron and Steel.</b>														
Brass mills	18	29	39	14	13	13	5	58	6	10	14	7	108	585
Clock factories	1	5	6	1	2	1	—	11	—	—	1	2	16	64
Copper factories	1	1	1	1	—	—	—	—	—	—	—	—	4	11
Gold and silver factories	3	4	7	3	1	3	1	2	2	4	6	—	19	86
Jewelry factories	2	3	8	2	5	—	—	6	1	1	1	—	21	74
Lead and zinc factories	3	3	4	1	—	1	1	3	1	2	1	2	16	61
Tin plate factories	9	7	7	1	3	5	2	24	1	1	—	1	14	98
Watch factories	1	2	2	2	1	1	—	4	1	2	3	2	8	63
Copper and brass	—	—	3	—	—	—	—	—	—	—	1	—	—	19
Other metal workers	1	2	1	1	1	1	1	5	—	—	—	—	1	65
Other metal workers	1	2	1	2	1	1	—	3	—	—	—	—	9	44
<b>Paper.</b>														
Box makers (paper)	80	114	83	56	65	58	28	57	36	25	23	20	174	1,378
Makers of blank books, envelopes, tags and labels, paper bags	11	7	10	6	9	5	3	10	2	4	—	4	24	234
Paper and pulp mills	12	9	6	4	3	3	2	4	3	3	2	2	19	109
Pulp mills	39	67	38	37	36	38	19	23	24	6	16	9	82	613
Other paper goods	1	2	—	—	—	—	—	1	1	1	1	—	—	6
Other paper goods	17	29	29	9	17	12	4	19	7	11	4	5	49	356

TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Concluded.

## NUMBER OF TABULATABLE INJURIES.

INDUSTRIES.	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	Total.
<b>Printing and Bookbinding.</b>														
Printing and bookbinding establishments . . . . .	7	21	38	9	9	12	2	34	8	6	13	10	331	744
<b>Textiles.</b>														
Carpet mills . . . . .	112	162	162	101	114	126	33	120	42	43	35	19	242	3,559
Cotton mills . . . . .	1	4	7	2	6	4	1	5	2	1	3	—	4	95
Dyeing and finishing textiles . . . . .	41	50	53	35	34	52	15	31	10	12	7	6	40	1,307
Hemp and jute mills . . . . .	21	19	16	15	10	11	1	12	4	4	7	3	35	358
Knitting mills . . . . .	—	6	2	1	2	—	—	1	2	2	1	—	—	—
Linen mills . . . . .	1	4	8	2	3	4	—	3	—	1	—	1	24	140
Print works . . . . .	—	2	1	1	1	—	—	—	—	—	—	1	2	17
Rope and cordage factories, twine . . . . .	5	2	1	6	4	2	—	6	—	—	—	—	9	88
Sail, awning and tent makers . . . . .	—	3	2	1	1	3	—	—	3	1	1	—	3	14
Silk mills . . . . .	—	1	1	—	—	—	—	4	—	—	2	—	3	175
Woolen mills, worsted mills . . . . .	6	8	7	4	2	14	1	8	2	3	1	—	90	964
Not specified textile workers . . . . .	29	39	39	31	40	27	14	39	17	13	5	6	29	328
<b>Miscellaneous Industries.</b>														
Broom and brush makers . . . . .	90	232	272	114	224	224	106	294	85	108	95	49	734	3,778
Button makers . . . . .	—	1	—	—	—	—	—	2	—	—	—	—	1	22
Cigars and cigarettes . . . . .	—	1	3	—	—	—	—	3	—	—	—	—	—	—
Electric light and power companies . . . . .	7	19	21	7	39	24	31	32	16	11	19	11	134	400
Electrical supplies, machinery, apparatus . . . . .	27	42	53	25	36	29	15	46	23	18	24	18	230	833
Gas works . . . . .	—	24	9	16	22	57	13	23	13	18	12	11	79	342
Oil works . . . . .	9	9	36	25	27	40	11	41	16	20	8	2	54	328
Rubber factories . . . . .	28	49	58	20	48	32	18	61	5	13	12	4	57	748
Straw factories . . . . .	—	—	3	—	—	—	1	1	—	—	—	—	—	18
Gas and electric companies . . . . .	—	42	20	2	8	12	8	14	1	11	4	2	53	182
Other miscellaneous industries . . . . .	19	45	69	19	44	31	9	71	11	16	16	1	123	865
<b>Water Transportation.</b>														
Water transportation . . . . .	1	24	10	11	209	16	6	15	3	6	—	1	66	418
<b>Road, Street and Bridge Transportation.</b>														
Construction of roads, streets, etc. . . . .	41	620	420	234	391	323	82	1,181	158	233	191	94	1,456	6,226
Livery stables . . . . .	14	505	160	186	275	243	48	692	101	63	126	19	521	3,374
Truck transfer, cab and hack companies . . . . .	1	1	4	1	—	—	—	6	—	—	—	—	—	—
Street railways . . . . .	17	87	228	17	86	52	11	441	10	131	37	52	452	1,857
Steam railroads . . . . .	2	8	8	10	10	13	21	30	39	26	18	15	303	332
Express companies . . . . .	7	19	20	20	20	13	2	12	8	10	10	8	180	441
<b>Express Companies.</b>														
Express companies . . . . .	1	5	24	1	13	14	10	60	41	17	49	33	83	388
	1	5	24	1	13	14	10	60	41	17	49	33	83	388

	10	5	8	2	4	12	3	2	1	2	-	-	-	47	220
Telephone and telegraph . . . . .	10	5	8	2	4	12	3	2	1	2	-	-	-	47	220
Air transportation . . . . .	-	1	2	-	-	1	-	1	-	1	-	-	-	5	14
Other persons in transportation . . . . .	1	11	8	5	30	7	8	37	7	-	13	-	11	144	144
Other persons in transportation . . . . .	1	11	8	5	30	7	8	37	7	-	13	-	11	144	144
Trade . . . . .	185	479	910	156	393	470	110	946	108	239	224	61	1,787	8,996	101
Banking and brokerage . . . . .	5	4	15	4	4	1	-	10	4	-	-	2	10	101	101
Insurance . . . . .	2	2	7	2	7	2	1	10	2	1	-	1	51	117	117
Real estate . . . . .	8	16	62	3	15	6	1	47	1	9	7	4	72	405	405
Wholesale and retail trade . . . . .	145	437	809	144	350	444	105	853	97	220	214	53	1,568	8,084	8,084
Elevators . . . . .	1	2	1	-	-	1	1	1	1	1	1	1	38	48	48
Warehouses and cold storage plants . . . . .	25	14	15	4	14	13	3	17	3	7	2	1	17	170	170
Other persons in trade . . . . .	-	5	4	1	3	3	1	7	1	1	-	-	22	68	68
Clerical assistants, industry, business or profession not specified . . . . .	-	-	1	-	-	-	-	1	1	-	-	-	-	3	3
Professional service . . . . .	38	33	49	12	31	23	7	43	10	15	12	3	92	776	776
Professional service . . . . .	38	33	49	12	31	23	7	43	10	15	12	3	92	776	776
Domestic and personal service . . . . .	58	108	273	48	98	77	23	210	11	51	22	9	418	3,070	3,070
Occupations and industries . . . . .	53	98	228	43	81	64	22	158	8	40	16	4	334	2,549	2,549
Laundry and laundry workers . . . . .	5	10	45	5	17	13	1	52	3	11	6	5	84	521	521
Grand total . . . . .	1,021	3,125	3,693	1,248	2,616	2,064	627	4,905	748	1,268	1,031	429	11,170	50,006	50,006





Anus, perineum or rectum	4	940	10,008	181	1,572	1,959	1,581	822	492	20,704	17
External generative organs	47	-	-	3	53	-	-	-	-	28	110
Side or sides	409	13	26	103	15	555	119	-	2	977	1,219
Hernia	-	-	-	1	1	4	1	-	-	17	1,335
Sacro iliac joint	-	2	13	-	1	47	3	-	-	51	44
Buttocks	21	-	-	-	-	-	8	-	-	44	-
<b>Upper Extremities.</b>											
Scapula	3,149	940	10,008	181	1,572	1,959	1,581	822	492	20,704	17
Clavicle	-	-	-	3	53	-	-	-	-	28	110
Shoulder joint	-	-	-	103	15	555	119	-	-	977	1,219
Shoulder	268	8	25	-	-	-	-	-	2	118	1,335
Both shoulders	7	3	-	1	1	4	1	-	-	17	44
Humerus	-	5	18	1	39	7	6	-	-	40	-
Upper arm	6	5	-	-	-	-	-	-	-	42	-
Elbow	213	14	92	11	72	54	96	-	1	470	1,219
Olecranon	-	-	-	2	91	-	-	-	-	83	1,335
Radius	-	-	-	4	171	-	-	-	-	11	93
Ulna	-	-	-	-	-	-	-	-	-	11	93
Radius and ulna	-	-	-	4	171	-	-	-	-	11	93
Forearm	72	63	212	-	-	40	28	2	8	175	425
Wrist	103	44	330	-	-	626	111	-	8	1,222	1,335
Both wrists	-	1	-	-	7	14	6	-	-	28	93
Carpus	-	-	-	19	300	-	-	-	-	319	1,219
Arm, general	252	142	353	-	-	283	121	5	20	1,176	1,219
Both arms, or one hand and one arm	37	75	28	-	2	10	16	1	105	274	1,219
Arm and leg	75	18	22	-	6	18	26	-	20	185	1,219
Hand, general	497	272	1,663	-	-	164	306	18	63	2,983	1,219
Both hands	13	77	41	-	-	1	29	1	206	368	1,219
Hand and foot	4	7	-	-	-	2	5	-	-	22	93
Palm	31	18	473	-	-	8	69	-	2	593	1,219
Back of hand	108	32	306	-	-	-	27	-	3	484	1,219
One metacarpal	-	-	-	8	128	-	-	-	-	136	1,219
Two or more metacarpals	-	-	-	-	-	-	-	-	-	12	93
Thumb	307	30	1,624	13	145	107	149	94	9	2,478	1,219
Index finger	306	26	1,648	13	112	18	124	230	5	2,469	1,219
Middle finger	298	7	1,003	6	113	14	108	141	7	1,697	1,219
Ring finger	152	13	527	5	80	8	59	80	3	927	1,219
Little finger	126	3	624	3	110	10	63	95	3	1,037	1,219
Thumb and one finger	16	12	81	-	2	2	5	4	-	122	1,219
Thumb and two or more fingers	7	4	13	-	1	4	2	0	-	39	1,219
Two fingers	123	19	401	1	37	4	32	92	5	714	1,219
Three fingers	28	22	138	1	9	4	18	43	4	263	1,219
Four fingers	18	19	47	-	3	6	45	5	2	105	1,219
One finger, not specified	68	6	306	-	24	6	-	1	2	458	1,219
Index finger on each hand	1	1	6	-	-	-	-	-	-	8	1,219
Two or more fingers on both hands	1	1	8	1	-	-	-	1	7	21	1,219
Both thumbs	3	2	5	-	-	1	2	-	-	13	1,219
One finger on each hand	4	1	10	-	-	-	1	-	-	16	1,219

TABLE VII. — *Location of Injury by Nature of Injury, Total Tabulatable Injuries, etc. — Concluded.*

LOCATION OF INJURY.	NATURE OF INJURY.											
	Bruises, Contusions and Abrasions.	Burns and Scalds.	Concussions.	Cuts, Punctures and Lacerations.	Dislocations.	Fractures.	Sprains and Strains.	All Other.	Amputations and Loss of Use.	Shocks (Electrical).	Occupational.	Total.
Lower Extremities.												
Hip joint . . . . .	4,345	340	—	2,573	56	1,696	2,704	1,353	40	—	36	13,143
Femur . . . . .	—	—	—	—	10	32	—	—	—	—	—	42
Hip . . . . .	157	6	—	8	—	44	—	—	—	—	—	44
Both hips . . . . .	5	—	—	—	—	—	92	42	—	—	—	305
Upper leg . . . . .	98	6	—	73	—	—	30	21	—	—	—	7
Patella . . . . .	—	—	—	—	30	66	—	—	—	—	—	228
Knee . . . . .	614	4	—	181	—	—	508	402	—	—	—	96
Metatarsals . . . . .	—	—	—	—	3	321	—	—	—	—	3	1,712
Both knees . . . . .	45	—	—	7	—	—	3	9	—	—	—	64
Tibia . . . . .	—	—	—	—	—	22	—	—	—	—	—	22
Fibula . . . . .	—	—	—	—	—	37	—	—	—	—	—	37
Tibia and fibula . . . . .	—	—	—	—	—	166	—	—	—	—	—	166
Lower leg . . . . .	337	13	—	197	—	—	31	47	3	—	—	628
Leg, general . . . . .	558	47	—	281	—	1	276	192	5	—	4	1,364
Both legs or one leg and one foot . . . . .	89	37	—	20	—	9	12	20	2	—	16	205
Ankle . . . . .	235	24	—	69	—	—	1,451	115	—	—	—	1,894
Tarsus . . . . .	—	—	—	—	3	183	—	—	—	—	—	186
Both ankles . . . . .	6	2	—	2	—	2	5	2	—	—	1	20
Instep . . . . .	130	6	—	28	—	—	23	14	—	—	—	201
Heel . . . . .	78	8	—	50	—	—	4	31	—	—	—	171
Oscals . . . . .	—	—	—	—	—	68	—	—	—	—	—	68
Both heels . . . . .	—	—	—	—	—	7	—	1	—	—	—	13
Foot . . . . .	1,058	151	—	1,441	—	—	250	296	1	—	3	3,200
Both feet . . . . .	19	29	—	4	—	8	5	15	—	—	9	89
Great toe . . . . .	590	1	—	136	8	477	9	79	11	—	—	1,311
Lesser toe . . . . .	104	2	—	32	1	121	2	26	7	—	—	295
One toe not specified . . . . .	69	—	—	17	1	52	2	21	1	—	—	163
Great toe and lesser toe or toes . . . . .	46	1	—	30	—	30	—	5	5	—	—	96
Two or more lesser toes . . . . .	102	2	—	17	—	49	1	14	5	—	—	190
Two great toes and lesser toe or toes . . . . .	—	1	—	—	—	1	—	—	—	—	—	2
Body.												
Body, general . . . . .	209	61	—	36	—	—	40	523	—	30	378	1,277
Constitutional . . . . .	209	61	—	36	—	—	40	473	—	30	164	1,013
	—	—	—	—	—	—	—	50	—	—	214	264
Total . . . . .	9,598	1,978	48	14,181	249	3,986	12,299	5,655	944	30	1,038	50,006

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, July 1, 1930, to June 30, 1931.

LOCATION AND NATURE OF INJURY.	Per- manent Total Deaths.	Per- Partial Disa- bilities.	NUMBER OF CASES.												Total.
			TEMPORARY DISABILITIES.												
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 52 Weeks.	Year.		
BRUISES, CONTUSIONS AND ABRASIONS.															
Head.	9,598	6	1	1,662	2,140	1,301	1,327	877	1,560	389	202	115	18	9,591	
Eye	386	—	—	77	101	56	51	28	34	15	11	11	2	386	
Both eyes	109	—	—	26	33	20	16	5	6	3	—	—	—	109	
External ear or ears	7	—	—	—	2	2	—	1	1	1	—	—	—	7	
Scalp	5	—	—	3	2	—	—	—	—	—	—	—	—	5	
Head, general	99	—	—	23	23	11	15	4	10	8	3	1	1	99	
Head and shoulders	132	—	—	21	37	18	15	12	12	2	6	8	1	132	
	34	—	—	4	5	5	5	6	5	1	2	1	—	34	
Face and Neck.	183	—	—	51	42	28	25	15	15	3	3	1	—	183	
Forehead	30	—	—	8	7	2	6	1	3	1	2	—	—	30	
Eyelids	3	—	—	—	1	1	—	—	—	—	—	—	—	3	
Nose	23	—	—	10	3	4	3	2	1	—	—	—	—	23	
Cheek	15	—	—	2	5	1	3	2	1	1	—	—	—	15	
Tongue	1	—	—	—	—	—	—	—	—	—	—	—	—	1	
Lips and chin	16	—	—	—	3	2	—	1	—	—	—	—	—	16	
Face, general	56	—	—	16	12	14	7	1	6	—	—	—	—	56	
Neck	16	—	—	2	5	2	1	3	3	—	—	—	—	16	
Face and hands or arms	23	—	—	3	5	2	5	4	2	—	1	1	—	23	
Trunk.	1,326	1	—	159	236	174	201	123	281	80	44	25	2	1,325	
Back	483	—	—	46	79	69	72	34	106	38	23	14	2	483	
Thorax	253	1	—	31	41	25	39	37	55	14	7	3	—	252	
Abdomen	72	—	—	12	10	11	8	10	15	5	1	—	—	72	
Groin	37	—	—	8	12	3	2	3	6	1	2	—	—	37	
Anus, perineum or rectum	4	—	—	1	1	—	1	—	—	—	—	—	—	4	
External generative organs	47	—	—	3	6	4	12	3	10	5	3	1	—	47	
Side or sides	409	—	—	56	84	57	65	34	85	14	7	7	—	409	
Buttocks	21	—	—	2	3	5	2	2	4	3	—	—	—	21	
Upper Extremities.	3,149	—	—	585	679	424	460	298	479	129	54	34	7	3,149	
Shoulder	268	—	—	44	54	33	41	23	43	14	7	7	2	268	
Both shoulders	7	—	—	2	2	1	—	—	—	1	—	—	—	7	
Upper arm	6	—	—	1	1	1	2	—	—	1	—	—	—	6	
Elbow	213	—	—	23	51	19	36	20	34	21	7	2	—	213	
Forearm	72	—	—	17	16	14	8	7	8	2	1	—	—	72	
Wrist	103	—	—	19	25	11	12	14	18	1	1	1	1	103	
Arm, general	252	—	—	42	61	38	38	13	41	8	6	3	2	252	
Both arms, or one arm and one hand	37	—	—	4	9	8	5	3	4	2	1	1	—	37	
Arm and leg	75	—	—	10	14	10	13	9	10	3	5	1	—	75	



Two or more lesser toes	102	17	23	11	30	6	11	3	1	1	102
Instep	130	24	42	10	18	12	19	4	1	1	130
Heel	78	19	15	13	9	9	11	1	1	1	78
Body.	209	18	46	36	26	15	43	8	5	2	207
Body, general	209	18	46	36	26	15	43	8	5	2	207
<b>BURNS AND SCALDS.</b>											
Head.	1,978	284	369	302	312	204	312	91	41	27	1,947
Eye	231	58	70	29	24	17	18	9	3	3	231
Both eyes	189	40	51	15	19	13	13	3	3	2	189
External ear or ears	57	16	15	13	4	3	2	3	1	1	57
Head, general	4	1	1	1	1	1	1	1	1	1	4
Head and shoulders	5	1	2	1	1	1	2	1	1	1	5
Head and shoulders	6	1	2	1	1	1	2	2	1	1	6
<b>Face and Neck.</b>											
Forehead	350	40	63	67	52	32	70	9	7	7	348
Eyelids	2	1	1	1	1	1	1	1	1	1	2
Cheek	6	1	5	1	1	1	1	1	1	1	6
Lips and chin	1	1	1	1	1	1	1	1	1	1	1
Face, general	128	27	33	31	16	7	12	1	1	1	128
Face, general	7	1	2	1	1	1	2	1	1	1	7
Neck	2	1	1	1	1	1	1	1	1	1	2
Throat	203	11	22	31	36	24	56	8	7	6	201
Face and hands or arms	56	6	2	14	4	8	16	2	2	2	54
Back	16	3	1	3	1	2	6	1	1	1	16
Thorax	14	1	1	5	1	2	4	1	1	1	14
Abdomen	10	1	1	5	1	2	2	1	1	1	10
External generative organs	1	1	1	1	1	1	1	1	1	1	1
Side or sides	13	2	1	1	2	2	3	1	1	1	11
Buttocks	2	1	1	1	1	1	1	1	1	1	2
<b>Trunk.</b>											
Shoulder	940	137	188	152	180	102	116	32	18	11	939
Both shoulders	8	1	1	4	1	1	1	1	1	1	8
Upper arm	3	2	1	2	1	1	2	1	1	1	3
Elbow	14	13	2	3	13	2	3	1	1	1	14
Forearm	63	13	11	9	13	4	10	2	1	1	63
Wrist	44	6	9	4	10	7	5	2	1	1	44
Both wrists	1	1	1	1	1	1	1	1	1	1	1
Arm, general	142	30	29	21	30	12	14	2	2	2	142
Both arms, or one arm and one hand	75	5	9	3	16	6	13	6	4	1	75
Arm and leg	18	3	3	1	1	1	6	1	1	1	17
Hand, general	272	35	65	44	46	38	27	10	3	2	272
Both hands	77	6	13	15	14	9	10	4	3	3	77
Hand and foot	2	1	1	1	1	1	1	1	1	1	2
Palm	18	6	2	5	2	1	2	1	1	1	18
Back of hand	32	5	9	7	6	1	4	1	1	1	32
Thumb	30	2	8	4	5	4	5	1	1	1	30
Index finger	26	4	7	3	6	3	3	1	1	1	26
Middle finger	7	1	2	1	1	1	2	1	1	1	7



TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Partial Disa- bilities. bilities.	NUMBER OF CASES.										
			TEMPORARY DISABILITIES.										
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	
BURNS AND SCALDS.—Con.													
Upper Extremities.—Con.													
Ring finger.	13	—	—	4	2	3	1	2	—	1	—	—	13
Little finger	3	—	—	—	1	—	1	—	—	—	—	—	3
Thumb and one finger	12	—	—	2	—	4	2	1	—	—	—	—	12
Thumb and two or more fingers	4	—	—	—	1	—	1	—	1	—	—	—	4
Two fingers	19	—	—	4	2	7	3	1	—	—	—	—	19
Three fingers	22	—	—	3	2	6	3	2	2	—	—	—	22
Four fingers	19	—	—	4	5	4	1	2	2	1	—	—	19
Index finger on each hand	1	—	—	1	—	—	—	—	—	—	—	—	1
One finger, not specified	6	—	—	2	—	1	1	—	—	—	—	—	6
Two or more fingers on both hands	1	—	—	—	1	—	—	—	—	—	—	—	1
Both thumbs	1	—	—	—	—	—	—	1	—	—	—	—	2
One finger on each hand	1	—	—	—	—	—	—	—	—	—	—	—	1
Lower Extremities.													
Hip	340	—	42	39	37	44	44	84	33	9	6	—	338
Upper leg	6	—	4	2	1	—	—	—	—	—	—	—	6
Knee	6	—	—	—	—	2	—	1	1	—	—	—	4
Lower leg	13	—	—	1	2	4	1	3	1	—	—	—	13
Leg, general	47	—	6	6	4	9	4	11	5	1	1	—	47
Both legs	37	—	4	3	3	3	5	10	4	3	1	—	36
Ankle	24	—	6	2	2	4	3	3	3	1	—	—	24
Both ankles	2	—	—	—	—	—	—	—	1	—	—	—	2
Instep	8	—	1	2	—	—	—	4	1	—	—	—	6
Heel	6	—	—	—	2	—	—	3	—	—	—	—	8
Foot	151	—	12	20	19	18	25	38	13	2	4	—	151
Both feet	29	—	3	1	2	3	5	9	3	2	—	—	28
Great toe	1	—	—	—	—	1	—	—	—	—	—	—	1
Lesser toe	2	—	—	—	—	—	—	—	—	—	—	—	2
Great toe and lesser toes or toe	1	—	—	—	1	—	—	—	—	—	—	—	2
Two or more lesser toes	2	—	—	—	—	—	1	—	—	—	—	—	2
Two great toes and lesser toes or toe	1	—	—	—	—	—	—	—	—	—	—	—	1
Body.													
Body, general	61	—	1	7	3	8	1	8	6	2	—	1	37
	24	—	1	7	3	8	1	8	6	2	—	1	37
CONCUSSIONS.													
Head.													
Brain	48	—	—	2	2	4	2	12	6	6	7	4	45
	48	—	—	2	2	4	2	12	6	6	7	4	45
	48	—	—	2	2	4	2	12	6	6	7	4	45

## CUTS, PUNCTURES AND LACERATIONS. 14,181

	11	4	2,571	3,448	2,131	2,039	1,242	1,917	453	244	106	15	14,165
Head.	833	217	71	75	119	75	42	87	31	18	9	2	829
Eye	263	1	1	1	45	25	13	26	6	3	1	1	265
Both eyes	1	1	1	1	1	1	1	1	1	1	1	1	1
External ear	20	6	6	5	1	2	1	3	1	2	1	1	20
Scalp	459	119	131	57	57	35	25	49	22	10	6	1	455
Head, general	79	20	17	14	11	11	4	7	3	2	1	1	79
Head and shoulders	9	1	1	1	2	2	1	2	1	1	1	1	9
Face and Neck.	631	170	181	181	94	68	40	49	14	10	5	1	631
Forehead	236	71	77	77	27	22	17	12	6	2	2	1	236
Eyelids	24	8	9	8	9	1	2	2	2	1	1	1	24
Nose	53	18	13	13	12	13	3	2	2	1	1	1	53
Cheek	53	18	13	13	12	13	3	2	2	1	1	1	53
Tongue	3	1	1	1	2	4	1	5	1	1	1	1	3
Lips and chin	101	34	27	27	16	9	3	8	1	1	1	1	101
Face, general	113	23	30	30	17	12	9	15	3	4	3	1	113
Neck	11	2	2	2	4	1	1	1	1	1	1	1	11
Throat	1	1	1	1	1	1	1	1	1	1	1	1	1
Face and hands or arms	36	6	7	7	5	6	4	3	2	1	2	1	36
Trunk.	100	20	24	24	15	23	4	9	2	1	2	1	100
Back	24	5	4	4	4	5	4	2	2	1	1	1	24
Thorax	13	3	3	3	3	3	1	1	1	1	1	1	13
Abdomen	10	3	4	4	2	3	1	1	1	1	1	1	10
Groin	7	3	2	2	1	1	1	1	1	1	1	1	7
Anus, perineum or rectum	4	1	1	1	1	2	1	2	1	1	1	1	4
External generative organs	3	1	1	1	3	7	2	1	1	1	1	1	3
Side or sides	26	6	5	5	3	7	2	1	1	1	1	1	26
Buttocks	13	3	4	4	2	2	1	1	1	1	1	1	13
Upper Extremities.	10,008	1,682	2,257	2,257	1,529	1,534	965	1,444	331	172	77	10	10,001
Shoulder	25	7	3	3	2	8	2	1	1	1	1	1	25
Upper arm	18	3	5	5	1	5	2	2	2	1	1	1	18
Elbow	92	12	15	15	17	20	11	13	2	1	1	1	92
Forearm	212	26	50	50	25	50	21	33	3	1	3	1	212
Wrist	330	57	92	92	61	51	32	24	11	5	6	1	330
Arm, general	353	54	86	86	57	53	39	41	11	9	1	2	353
Both arms, or one hand and one arm	28	3	2	2	5	5	3	8	1	1	1	1	28
Arm and leg	22	2	6	6	6	1	3	3	1	1	1	1	22
Hand, general	1,663	288	409	409	269	248	148	206	44	29	15	4	1,660
Both hands	41	7	10	10	7	4	4	5	1	2	1	1	41
Hand and foot	4	1	1	1	1	1	1	2	1	1	1	1	4
Palm	473	99	100	100	81	67	41	58	15	8	3	1	473
Back of hand	306	50	65	65	46	51	32	43	14	4	1	1	306
Thumb	1,624	263	366	366	239	227	164	270	54	25	13	1	1,622
Index finger	1,648	268	373	373	243	275	153	248	58	20	9	1	1,647
Middle finger	1,003	170	221	221	150	173	85	145	28	23	7	1	1,003
Ring finger	527	105	100	100	74	81	57	89	14	5	2	1	527
Little finger	624	108	137	137	93	78	68	68	26	9	7	1	624
Thumb and one finger	81	6	20	20	9	14	8	16	4	2	2	1	81
Thumb and two fingers	13	2	2	2	1	4	1	3	1	1	1	1	13

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	Total.	Deaths.	Per- manent Total Partial Disa- bilities.	NUMBER OF CASES.											Over 1 Year.	
				TEMPORARY DISABILITIES.												
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.				
<b>CUTS, PUNCTURES AND LACERATIONS.—Con.</b>																
<b>Upper Extremities.—Con.</b>																
Two fingers . . . . .	401	1	—	42	73	70	49	36	93	18	15	4	—	400	—	
Three fingers . . . . .	138	—	—	6	23	19	20	19	28	14	8	1	—	138	—	
Four fingers . . . . .	47	—	—	6	7	2	8	5	12	4	3	—	—	47	—	
One finger, not specified . . . . .	306	—	—	94	88	43	28	18	29	6	—	—	—	306	—	
Index finger on each hand . . . . .	6	—	—	1	1	2	2	1	1	—	—	—	—	6	—	
Two or more fingers on both hands . . . . .	8	—	—	1	1	2	1	1	1	1	—	—	—	8	—	
Both thumbs . . . . .	5	—	—	1	1	1	—	—	—	—	—	—	—	5	—	
One finger on each hand . . . . .	10	—	—	—	1	4	2	—	3	—	—	—	—	10	—	
<b>Lower Extremities.</b>																
Hip . . . . .	2,573	4	—	480	752	370	339	187	315	70	42	11	3	2,569	8	
Both hips . . . . .	8	—	—	—	4	2	1	—	1	—	—	—	—	8	—	
Upper leg . . . . .	73	1	—	11	11	12	20	6	6	5	—	1	—	72	1	
Knee . . . . .	181	—	—	27	45	24	26	17	29	5	5	3	—	181	—	
Both knees . . . . .	7	—	—	1	—	1	1	—	2	—	—	—	—	7	—	
Lower leg . . . . .	197	2	—	22	36	23	21	19	42	20	8	2	2	195	5	
Leg, general . . . . .	281	1	—	45	66	38	37	27	49	12	5	—	1	280	20	
Both legs . . . . .	20	—	—	—	4	3	3	—	9	—	—	—	—	20	69	
Ankle . . . . .	69	—	—	9	16	9	13	4	11	4	3	—	—	69	2	
Both ankles . . . . .	2	—	—	—	—	—	—	—	—	—	—	—	—	2	—	
Instep . . . . .	28	—	—	2	10	5	4	2	3	1	—	—	—	28	—	
Heel . . . . .	50	—	—	9	14	6	4	4	10	—	2	1	—	50	—	
Foot . . . . .	1,441	—	—	318	488	221	177	82	122	16	14	3	—	1,441	—	
Both feet . . . . .	4	—	—	1	1	1	—	1	—	—	—	—	—	4	—	
Great toe . . . . .	136	—	—	23	36	16	25	16	15	3	2	—	—	136	—	
Lesser toe . . . . .	32	—	—	6	5	6	4	5	4	2	—	—	—	32	—	
One toe, not specified . . . . .	17	—	—	4	7	2	1	2	3	—	—	—	—	17	—	
Great toe and lesser toes or toe . . . . .	9	—	—	2	2	1	2	2	6	1	—	—	—	9	—	
Two or more lesser toes . . . . .	17	—	—	—	4	1	—	—	—	—	—	—	—	17	—	
<b>Body.</b>																
Body, general . . . . .	36	—	—	2	5	4	—	4	13	5	1	2	—	36	—	
Trunk . . . . .	36	—	—	2	5	4	—	4	13	5	1	2	—	36	—	
<b>DISLOCATIONS.</b>																
Trunk . . . . .	249	1	2	13	21	13	31	23	66	27	26	22	3	245	11	
Vertebrae . . . . .	12	—	—	—	—	—	5	1	3	—	1	1	—	6	—	
Ribs . . . . .	7	—	—	—	—	—	2	1	1	—	—	—	—	2	—	
	2	—	—	—	—	—	—	—	—	—	—	—	—	2	—	



TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	NUMBER OF CASES.												
	Total. Deaths.	Per- manent Total Disa- bilities.	Partial Disa- bilities.	TEMPORARY DISABILITIES.									
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.
FRACTURES.—Con.													
Shoulder joint	15	—	1	—	—	—	—	—	1	—	4	1	14
Both shoulders	1	—	—	—	—	—	—	—	—	—	—	—	1
Humerus	39	—	3	—	—	—	—	—	—	—	—	—	36
Olecranon	72	—	2	—	—	—	—	—	—	—	—	—	70
Radius	91	—	1	—	3	—	—	—	3	—	16	4	90
Ulna	11	—	—	—	—	—	—	—	—	—	23	9	11
Radius and ulna	171	—	2	—	3	—	—	—	3	—	3	—	169
Both wrists	7	—	—	—	—	—	—	—	—	—	42	27	7
Carpus	300	—	7	—	—	—	—	—	1	—	1	3	293
Both arms, or one hand and one arm	2	—	—	2	9	10	22	117	66	40	23	2	2
Arm and leg	6	—	—	—	—	—	—	—	—	—	—	1	6
One metacarpal	128	—	—	4	—	—	—	—	—	—	—	1	128
Two or more metacarpals	12	—	—	4	8	14	14	64	15	11	7	3	12
One finger, not specified	24	—	—	2	2	3	4	4	2	1	2	—	24
Thumb	145	—	—	12	6	10	10	73	21	10	2	—	145
Index finger	112	—	—	9	10	10	10	48	17	6	4	—	112
Middle finger	113	—	—	7	8	13	13	50	20	6	—	—	112
Ring finger	80	—	—	3	5	7	9	35	12	4	1	—	80
Little finger	110	—	—	3	1	10	13	47	12	8	1	—	110
Thumb and one finger	2	—	—	—	—	—	—	1	—	—	—	—	2
Thumb and two fingers	1	—	—	—	—	—	—	—	—	—	—	—	1
Two fingers	37	—	—	1	—	—	—	—	9	6	3	1	37
Three fingers	9	—	—	2	1	1	1	13	3	1	4	1	9
Four fingers	3	—	—	—	—	—	—	—	1	—	—	—	3
Lower Extremities.													
Hip joint	1,696	13	32	21	53	82	114	117	516	290	212	177	69
Femur	32	—	6	—	—	—	—	2	—	3	3	9	7
Patella	44	—	8	—	—	—	—	—	3	5	4	13	7
Tibia	66	—	3	—	—	—	—	—	12	11	16	19	4
Fibula	22	—	—	—	—	—	—	—	—	5	7	8	—
Tibia and fibula	37	—	—	—	—	—	—	—	11	14	6	3	1
Both heels	166	—	8	—	—	1	1	2	9	31	51	54	8
Leg, general	7	—	—	—	—	—	—	—	—	—	—	—	7
Both legs	1	—	—	—	—	—	—	—	—	—	—	—	1
Tarsus	9	—	1	—	—	—	—	—	—	—	—	—	9
Metatarsals	183	2	4	1	1	6	9	9	38	50	40	27	4
Both ankles	321	—	2	13	16	12	115	82	49	20	2	2	319
Oscalsis	2	—	—	—	—	—	—	—	—	—	13	12	2
Both feet	68	—	—	—	—	—	2	1	9	9	2	2	68

Great toe . . . . .	477	1	9	23	46	65	55	211	49	11	7	85	12,277	476
Lesser toe . . . . .	121	-	4	9	13	10	19	50	13	3	-	-	1	121
One toe, not specified . . . . .	52	-	5	10	4	2	7	20	4	-	-	-	1	52
Great toe and lesser toes or toe . . . . .	30	-	-	-	1	2	4	15	7	1	-	-	1	30
Two or more lesser toes . . . . .	49	-	-	2	3	7	4	21	7	5	-	-	1	49
Two great toes and lesser toes or toe . . . . .	1	-	-	-	-	-	-	1	-	-	-	-	-	1
<b>SPRAINS AND STRAINS.</b>														
Head.	12,299	11	1,190	2,499	1,478	1,475	1,046	2,300	1,241	639	324	85	12,277	1
Both eyes . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	1	1
Face and Neck	63	-	12	16	12	5	7	8	2	1	-	-	63	63
Neck . . . . .	63	-	12	16	12	5	7	8	2	1	-	-	63	63
<b>Trunk.</b>														
Back . . . . .	7,532	11	599	1,235	847	815	632	1,521	1,040	506	244	72	7,511	72
Thorax . . . . .	4,989	3	434	923	691	666	488	927	345	246	193	66	4,979	66
Throat . . . . .	116	1	16	28	13	16	14	19	3	3	3	-	115	115
Abdomen . . . . .	263	2	37	57	34	27	31	40	21	10	3	-	260	260
Groin . . . . .	158	-	19	41	17	18	12	23	22	5	1	-	158	158
Anus, perineum or rectum . . . . .	2	-	2	2	1	2	-	4	2	-	-	-	2	2
External generative organs . . . . .	17	-	3	3	1	2	1	4	2	-	-	1	17	17
Hernia . . . . .	1,835	5	10	20	14	13	22	385	612	211	39	2	1,828	2
Side or sides . . . . .	605	-	79	159	74	69	58	103	32	26	3	2	605	2
Sacro-iliac joint . . . . .	47	-	1	2	3	4	6	20	3	5	2	1	47	47
<b>Upper Extremities.</b>														
Shoulder . . . . .	1,959	-	239	486	239	281	196	342	83	52	35	5	1,958	5
Both shoulders . . . . .	555	-	54	115	66	71	63	105	39	24	15	3	555	3
Upper arm . . . . .	4	-	1	1	-	-	1	1	-	-	-	-	4	4
Elbow . . . . .	7	-	-	2	-	1	1	3	-	-	-	-	7	7
Forearm . . . . .	54	-	14	12	9	7	2	8	-	2	-	-	54	54
Wrist . . . . .	40	-	2	13	4	7	6	7	-	1	-	-	40	40
Both wrists . . . . .	626	1	75	173	75	108	58	105	18	6	7	-	625	625
Arm, general . . . . .	14	-	3	3	1	2	-	4	1	2	1	-	14	14
Both arms . . . . .	283	-	34	71	32	37	27	50	13	10	8	1	283	1
Both arms, or one hand and one arm . . . . .	10	-	1	3	3	2	2	3	2	1	-	-	10	10
Arm and leg . . . . .	18	-	1	3	1	5	2	4	2	1	-	-	18	18
Hand, general . . . . .	164	-	27	50	28	16	16	19	5	2	1	-	164	164
Both hands . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	1	1
Hand and foot . . . . .	2	-	3	-	1	-	-	1	-	-	-	-	2	2
Back of hand . . . . .	8	-	-	-	2	-	-	-	-	-	-	-	8	8
Thumb . . . . .	107	-	13	27	13	15	13	19	3	2	1	1	107	107
Index finger . . . . .	18	-	3	5	1	2	2	2	1	1	-	-	18	18
Middle finger . . . . .	14	-	2	3	1	2	3	2	1	1	-	-	14	14
Ring finger . . . . .	8	-	1	1	1	3	1	2	-	-	-	-	8	8
Little finger . . . . .	10	-	2	2	1	1	1	1	1	-	-	-	10	10
Thumb and one finger . . . . .	2	-	-	2	-	-	1	1	-	-	1	-	2	2
Two fingers . . . . .	4	-	-	-	-	-	1	1	-	-	-	-	4	4
Three fingers . . . . .	1	-	-	-	-	-	-	1	-	-	-	-	1	1
Four fingers . . . . .	2	-	-	1	-	-	-	1	-	-	-	-	2	2
One finger, not specified . . . . .	6	-	3	1	1	-	-	1	-	-	-	-	6	6
Both Thumbs . . . . .	1	-	1	1	1	-	-	1	-	-	-	-	1	1



TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Total Partial Disa- Disa- bilities, bilities.	NUMBER OF CASES.											Over 1 Year.	
			TEMPORARY DISABILITIES.												
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	1	Total.		
SPRAINS AND STRAINS.—Con.															
Lower Extremities.															
Hip . . . . .	2,704	—	332	750	378	368	206	424	115	79	44	8	2,704		
Upper leg . . . . .	92	—	6	23	10	14	11	11	4	8	4	1	92		
Knee . . . . .	30	—	1	3	2	9	5	5	2	3	3	—	30		
Both knees . . . . .	508	—	35	97	56	80	48	109	39	23	18	3	508		
Both legs . . . . .	3	—	—	—	1	1	1	1	—	—	—	—	3		
Lower leg . . . . .	12	—	—	2	—	3	3	3	1	2	—	—	12		
Leg, general . . . . .	31	—	1	12	2	5	3	6	1	1	—	—	31		
Leg, general . . . . .	276	—	35	74	35	26	18	52	22	9	3	2	276		
Ankle . . . . .	1,451	—	196	437	232	200	99	202	40	30	14	1	1,451		
Both ankles . . . . .	5	—	1	1	—	1	—	1	1	—	—	—	5		
Instep . . . . .	23	—	3	7	3	3	2	5	—	—	—	—	23		
Heel . . . . .	4	—	1	—	1	—	—	1	—	1	—	—	4		
Foot . . . . .	250	—	43	91	34	24	16	28	6	6	1	1	250		
Both feet . . . . .	5	—	1	2	1	—	1	—	—	—	—	—	5		
Great toe . . . . .	9	—	5	—	—	2	2	—	—	—	—	—	9		
Lesser toe . . . . .	2	—	2	—	—	—	—	—	—	—	—	—	2		
One toe, not specified . . . . .	2	—	1	1	1	—	—	—	—	—	—	—	2		
Two or more lesser toes . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	1		
Body . . . . .	40	—	7	12	2	6	5	5	1	1	1	—	40		
Body, general . . . . .	40	—	7	12	2	6	5	5	1	1	1	—	40		
ALL OTHER.															
Head.															
Eye . . . . .	5,655	96	1,003	1,429	612	578	428	805	297	228	145	32	5,557		
Both eyes . . . . .	1,165	2	353	353	140	88	54	97	27	22	19	10	1,163		
Internal ear . . . . .	889	—	295	273	98	69	41	75	16	8	8	6	889		
Internal ear . . . . .	90	—	27	27	16	7	5	5	1	1	1	—	90		
Internal ear . . . . .	9	—	1	2	3	1	1	1	—	1	—	—	9		
External ear or ears . . . . .	1	—	—	—	—	—	—	1	—	—	—	—	1		
Scalp . . . . .	10	—	2	6	—	—	—	—	—	—	—	—	10		
Scalp . . . . .	13	—	1	4	3	—	—	2	—	1	—	—	13		
Head, general . . . . .	141	2	26	39	18	9	6	11	9	10	9	2	139		
Head and shoulders . . . . .	12	—	1	2	2	2	1	2	1	—	1	—	12		
Face and Neck.															
Forehead . . . . .	174	1	41	45	13	33	12	16	3	5	4	1	173		
Eyelids . . . . .	7	—	2	2	1	—	—	1	1	—	—	—	7		
Nose . . . . .	4	—	2	1	—	—	1	1	—	—	—	—	4		
Nose . . . . .	25	—	8	9	2	2	2	2	—	—	—	—	25		
Cheek . . . . .	2	—	1	1	1	—	—	—	—	—	—	—	2		
Teeth . . . . .	47	—	17	12	4	5	6	2	1	—	—	—	47		





Index finger	230																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Concluded.*

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Disa- bilities.	Per- man- ent Disa- bilities.	NUMBER OF CASES.										TEMPORARY DISABILITIES.					Over 1 Year.				
				NUMBER OF CASES.										TEMPORARY DISABILITIES.									
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	TEMPORARY DISABILITIES.									
OCCUPATIONAL.—Con.																							
Upper Extremities.—Con.																							
Forearm . . . . .	8	—	—	2	1	—	2	2	1	1	—	1	—	—	—	—	—	8					
Wrist . . . . .	8	—	—	—	2	—	1	1	1	1	—	—	—	—	—	—	—	8					
Arm, general . . . . .	20	—	—	3	1	—	6	3	3	1	—	—	—	—	—	—	—	20					
Both arms, or one hand and one arm . . . . .	105	—	—	3	23	17	17	11	18	7	6	3	—	—	—	—	—	105					
Arm and leg . . . . .	20	—	—	1	6	3	3	2	3	1	1	—	—	—	—	—	—	20					
Hand, general . . . . .	63	—	—	9	5	6	9	11	13	4	5	1	—	—	—	—	—	63					
Both hands . . . . .	206	—	—	9	19	22	28	20	42	24	31	9	2	—	—	—	—	206					
Hand and foot . . . . .	2	—	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	2					
Palm . . . . .	2	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	2					
Back of hand . . . . .	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3					
Thumb . . . . .	9	—	—	1	1	1	2	1	2	1	—	—	—	—	—	—	—	9					
Index finger . . . . .	5	—	—	—	1	3	—	—	1	—	—	—	—	—	—	—	—	5					
Middle finger . . . . .	7	—	—	—	2	1	2	2	—	—	—	—	—	—	—	—	—	7					
Ring finger . . . . .	3	—	—	—	1	1	1	—	—	—	—	—	—	—	—	—	—	3					
Little finger . . . . .	3	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	3					
Thumb and two fingers . . . . .	3	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	3					
Two fingers . . . . .	5	—	—	—	2	—	—	—	3	—	—	—	—	—	—	—	—	5					
Three fingers . . . . .	4	—	—	—	—	—	1	1	1	—	—	—	—	—	—	—	—	4					
Four fingers . . . . .	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4					
One finger, not specified . . . . .	2	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	2					
Two or more fingers on both hands . . . . .	7	—	—	—	—	—	1	2	2	2	—	—	—	—	—	—	—	7					
Lower Extremities.																							
Both ankles . . . . .	36	—	—	—	11	5	2	6	9	3	—	—	—	—	—	—	—	36					
Knee . . . . .	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1					
Leg, general . . . . .	3	—	—	—	1	—	—	1	1	—	—	—	—	—	—	—	—	3					
Both legs . . . . .	16	—	—	—	5	4	2	2	3	2	—	—	—	—	—	—	—	16					
Foot . . . . .	3	—	—	—	1	—	—	2	—	—	—	—	—	—	—	—	—	3					
Both feet . . . . .	9	—	—	—	3	1	—	1	3	1	—	—	—	—	—	—	—	9					
Body.																							
Body, general . . . . .	378	12	—	33	66	48	39	29	50	26	18	30	10	—	—	—	—	349					
Constitutional . . . . .	164	—	—	11	29	31	27	17	30	8	4	5	2	—	—	—	—	164					
	214	12	—	22	37	17	12	12	20	18	14	25	8	—	—	—	—	185					
<b>Grand Total</b> . . . . .	<b>50,006</b>	<b>282</b>	<b>5</b>	<b>1,031</b>	<b>6,853</b>	<b>10,196</b>	<b>6,162</b>	<b>4,242</b>	<b>8,487</b>	<b>3,259</b>	<b>1,900</b>	<b>1,161</b>	<b>285</b>	<b>48,688</b>				<b>48,688</b>					

TABLE IX. — *Cases of Infection, by Nature of Injury, July 1, 1930, to June 30, 1931.*

NATURE OF INJURY.	Total.	Fatals.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Abrasions, contusions and bruises . . . . .	697	3	1	693
Burns . . . . .	121	—	—	121
Cuts, punctures and lacerations . . . . .	3,123	10	—	3,113
Fractures . . . . .	5	1	—	4
Sprains and strains . . . . .	7	—	—	7
All other . . . . .	760	2	—	758
Amputations . . . . .	25	—	25	—
<b>Grand total . . . . .</b>	<b>4,738</b>	<b>16</b>	<b>26</b>	<b>4,696</b>



TABLE X. — *Causes of Injuries, by Extent of Disability, July 1, 1930, to June 30, 1931.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —										
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				TEMPORARY DISABILITIES.							
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				
<b>Machinery.</b>																
PRIME MOVERS.	6,238	43	—	607	2,457	731	718	1,682	843,436	258,000	—	395,600	160,807	13,335	8,397	7,297
Compressed air motors . . . . .	55	1	—	5	23	8	4	14	13,966	6,000	—	6,600	1,134	141	39	52
Electric motors and dynamos . . . . .	27	—	—	3	12	7	2	3	6,455	—	—	5,700	602	126	17	10
Gas and gasoline engines . . . . .	10	—	—	—	4	1	2	3	261	—	—	—	217	15	22	7
Steam engines . . . . .	13	1	—	1	4	—	—	7	6,783	0,000	—	600	151	—	—	32
Other prime movers . . . . .	4	—	—	1	3	—	—	—	464	300	—	300	164	—	—	—
	1	—	—	—	—	—	—	—	3	—	—	—	—	—	—	3
<b>POWER-TRANSMISSION APPARATUS.</b>																
Belts and pulleys . . . . .	95	1	—	8	54	9	6	17	18,863	6,000	—	8,400	4,154	167	70	72
Chains and sprockets . . . . .	63	—	—	2	37	7	5	12	7,043	—	—	3,900	2,899	132	56	56
Cogs, cans, gears, and friction wheels . . . . .	7	—	—	3	2	—	1	1	1,023	—	—	900	104	—	14	5
Ropes, cables and drums . . . . .	8	—	—	1	5	1	—	2	168	—	—	—	145	16	—	7
Set screws, keys and bolts . . . . .	2	—	—	1	1	—	—	—	482	—	—	300	182	—	—	—
Shafts . . . . .	14	1	—	2	8	1	—	2	37	6,000	—	3,300	787	19	—	4
	—	—	—	—	—	—	—	—	10,110	—	—	—	—	—	—	—
<b>FARM MACHINES.</b>																
Miscellaneous machines . . . . .	19	—	—	1	9	3	—	6	2,781	—	—	2,400	293	57	—	31
Feed and ensilage, cutting and shredding machines . . . . .	17	—	—	1	7	3	—	6	2,725	—	—	2,400	237	57	—	31
	2	—	—	—	2	—	—	—	56	—	—	—	56	—	—	—
<b>ENGINEERING AND CONTRACTING MACHINES.</b>																
Miscellaneous machines . . . . .	174	3	—	13	82	15	16	45	33,926	18,000	—	9,000	6,251	285	200	190
Concrete mixers . . . . .	103	3	—	5	61	7	8	19	25,301	18,000	—	1,800	5,183	138	103	77
Grouting machines and cement guns . . . . .	48	—	—	8	13	5	5	17	8,064	—	—	7,200	634	95	59	76
Road rollers . . . . .	1	—	—	—	—	—	—	—	5	—	—	—	—	—	5	5
Rock drills . . . . .	6	—	—	—	2	—	2	2	165	—	—	—	134	—	26	5
Well drills . . . . .	15	—	—	—	5	3	1	6	272	—	—	—	181	52	12	27
	1	—	—	—	1	—	—	—	119	—	—	—	119	—	—	—
<b>CHEMICAL PRODUCTS MACHINES.</b>																
Miscellaneous machines . . . . .	6	—	—	—	1	3	—	2	124	—	—	—	59	59	—	6
	6	—	—	—	1	3	—	2	124	—	—	—	59	59	—	6







TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —							
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.					
<b>Machinery.—Con.</b>													
<b>LEATHER WORKING MACHINES.—Con.</b>													
<i>Leather Products.—Con.</i>													
Trimming machines . . . . .	20	—	—	—	5	2	6	7	404	—	—	—	39
Dinking machines . . . . .	36	—	8	—	17	4	2	5	7,272	—	—	—	27
Nailers and tackers . . . . .	21	—	—	—	6	5	4	6	1,145	38	61	—	25
Skiving machines . . . . .	38	—	—	—	15	4	7	12	458	75	52	—	64
Grading and sorting machines . . . . .	7	—	—	—	3	3	—	—	724	78	83	—	3
Embossing machines . . . . .	13	—	2	—	8	—	2	1	226	161	62	—	7
									5,218	992	19	—	
<b>Tanneries.</b>													
Miscellaneous machines . . . . .	116	—	8	—	52	24	15	17	9,934	433	179	—	58
Buffing drums . . . . .	48	—	2	—	14	10	12	10	2,813	174	144	—	29
Other drums and paddle vats . . . . .	5	—	—	—	2	3	—	—	109	53	—	—	—
Fleshing, shaving and skiving machines . . . . .	20	—	1	—	13	4	—	1	1,292	48	42	—	2
Hair washing and drying machines . . . . .	1	—	—	—	—	—	—	2	1,226	842	75	—	9
Jacks-felting, glazing, rolling, etc. . . . .	19	—	2	—	11	3	—	3	300	—	—	—	—
Presses and baling machines . . . . .	5	—	1	—	—	1	2	1	933	53	—	—	13
Setting up or out machines . . . . .	6	—	1	—	5	—	1	—	1,247	21	21	—	5
Splitting machines . . . . .	5	—	—	—	5	—	—	—	299	—	14	—	—
Unhairing machines . . . . .	2	—	—	—	1	1	—	—	685	—	—	—	—
									50	15	—	—	—
<b>WOODWORKING MACHINES.</b>													
Miscellaneous machines . . . . .	750	1	121	—	297	74	68	189	88,914	1,336	787	819	
Bending machines . . . . .	60	—	8	—	24	8	6	14	9,175	153	69	67	
Boring machines and drills . . . . .	27	—	2	—	12	3	1	9	8	—	—	8	
Broom and brush making machines . . . . .	3	—	—	—	1	—	1	1	1,142	451	12	31	
									64	47	14	3	
<b>Lathes.</b>													
Lathes, miscellaneous . . . . .	16	—	—	—	4	2	3	7	233	40	35	30	
Button lathes (ivory, etc.) . . . . .	1	—	—	—	1	—	—	—	200	—	—	—	
Shoe last machines . . . . .	9	—	—	—	4	1	2	2	299	16	28	9	
Mortising machines . . . . .	1	—	1	—	—	—	—	—	300	—	—	—	
<b>Presses.</b>													
Miscellaneous presses . . . . .	9	—	—	—	4	1	3	1	218	17	35	4	
Box nailers . . . . .	1	—	—	—	1	—	—	—	298	—	—	—	



*Tenoning, Planing and Molding Machines.*

Edges . . . . .	4	—	—	—	1	7	—	—	—	600	29	—	—	7
Jointers . . . . .	10	—	—	—	2	1	—	—	—	933	326	—	—	7
Matchers . . . . .	11	—	—	—	8	1	1	—	—	300	295	8	—	7
Molders . . . . .	35	—	—	—	7	10	2	—	—	3,300	358	19	—	51
Planers . . . . .	138	—	—	—	31	50	12	—	—	13,200	2,349	35	—	137
Stickers . . . . .	2	—	—	—	—	—	—	—	—	—	—	214	—	6
Tenoners . . . . .	2	—	—	—	1	1	—	—	—	750	—	—	—	—
Sanding machines, N. O. C. . . . .	14	—	—	—	1	2	2	1	—	—	30	33	14	37
Belt (felice and panel) . . . . .	1	—	—	—	—	1	—	—	—	—	57	—	—	—
Spindle and post . . . . .	2	—	—	—	—	1	—	—	—	—	28	—	—	2
Surface or drum . . . . .	2	—	—	—	—	1	—	—	—	—	47	—	—	3
— . . . . .	2	—	—	—	—	1	—	—	—	—	78	—	—	—
<i>Saws.</i>														
Miscellaneous saws . . . . .	208	—	—	—	36	86	20	15	51	—	26,548	—	—	241
Band saws . . . . .	16	—	—	—	—	4	3	3	6	—	307	—	—	22
Band re-saws . . . . .	4	—	—	—	1	—	—	—	—	—	344	—	—	2
Circular saws . . . . .	157	—	—	—	30	65	15	15	31	6,000	26,354	—	—	139
Gang circular . . . . .	1	—	—	—	—	1	—	—	—	—	35	—	—	—
Spring saws . . . . .	2	—	—	—	—	1	—	—	—	—	42	—	—	7
Shapers, N. O. C. . . . .	11	—	—	—	—	6	2	2	1	—	220	—	—	6
Veneering machines . . . . .	1	—	—	—	—	1	—	—	—	—	35	—	—	—
<i>PAPER PRODUCTS MACHINES.</i>														
Miscellaneous machines . . . . .	180	1	—	—	17	78	21	17	46	6,000	29,410	—	—	185
Tube machines . . . . .	61	—	—	—	2	36	3	6	14	—	2,858	—	—	53
Glueing machines . . . . .	5	—	—	—	—	3	—	—	2	—	320	—	—	10
Automatic box making machines . . . . .	5	—	—	—	—	1	—	—	4	—	52	—	—	16
Bag and envelope making machines . . . . .	33	1	—	—	1	12	5	5	9	6,000	7,183	—	—	39
Corner staying machines . . . . .	18	—	—	—	2	5	3	3	5	—	1,217	—	—	16
Cutting and punching machines, N. O. C. . . . .	5	—	—	—	1	2	2	2	1	—	107	—	—	3
Die cutters . . . . .	6	—	—	—	1	3	—	—	2	—	3,116	—	—	11
Guilloines . . . . .	4	—	—	—	—	1	—	—	3	—	42	—	—	12
Paper cutter (hand) . . . . .	1	—	—	—	1	—	—	—	—	—	300	—	—	—
Rotary cutters . . . . .	9	—	—	—	3	4	—	1	1	—	4,389	—	—	3
Saws . . . . .	7	—	—	—	1	2	4	—	—	—	345	—	—	—
Shears . . . . .	3	—	—	—	1	2	—	—	—	—	2,260	—	—	—
Corrugating machines (not rolls) . . . . .	5	—	—	—	1	—	—	—	—	—	1,200	—	—	—
Ending machines . . . . .	2	—	—	—	2	3	—	—	2	—	105	—	—	9
Embossing rolls or calenders . . . . .	4	—	—	—	—	—	2	1	1	—	600	—	—	5
Embossing presses . . . . .	3	—	—	—	2	—	—	—	—	—	55	—	—	—
Folding presses . . . . .	8	—	—	—	—	3	2	1	2	—	4,888	—	—	—
— . . . . .	—	—	—	—	—	1	—	—	—	—	273	—	—	8
<i>PAPER MAKING MACHINES.</i>														
Miscellaneous . . . . .	98	2	—	—	12	39	14	11	20	12,000	24,887	—	—	95
— . . . . .	37	—	—	—	5	16	7	4	5	—	5,469	—	—	22
<i>Barkers, Splitters, Grinders, N. O. C.</i>														
Grinders . . . . .	1	—	—	—	—	—	—	1	—	—	10	—	—	—
Splitters . . . . .	3	—	—	—	1	—	1	—	—	—	318	—	—	2
Beaters (including rag washers) . . . . .	8	1	—	—	3	2	1	1	3	6,000	9,106	—	—	16
Cutters and slitters . . . . .	17	1	—	—	3	4	2	2	5	6,000	7,582	—	—	23



TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Continued.*

[illegible]

Cloth cutting and stamping machines . . .	17	-	-	1	3	4	2	71	1,553	-	-	-	1,200	221	76	22	34
Folding machines . . .	9	-	-	1	4	-	1	31	489	-	-	-	300	165	-	10	14
Coating and inlaying machines . . .	4	-	-	1	2	-	-	1	886	-	-	-	750	133	-	-	3
<i>Dyeing, Finishing and Printing Machines</i>																	
Dyeing and finishing machines . . .	37	1	-	8	16	4	1	71	16,641	6,000	-	-	9,000	1,517	78	14	32
Shearing machines . . .	8	-	-	2	1	3	1	1	1,009	-	-	-	900	33	61	8	7
Lappers . . .	4	-	-	-	2	2	1	1	342	-	-	-	-	322	13	13	7
Hat making machines . . .	9	-	-	-	4	2	1	2	219	-	-	-	-	149	42	14	14
Openers . . .	1	-	-	-	1	-	-	-	38	-	-	-	-	38	-	-	-
Pickers . . .	33	-	-	4	11	4	2	12	3,558	-	-	-	2,550	38	71	23	43
Presses . . .	4	-	-	1	2	-	-	1	374	-	-	-	300	67	-	-	7
Rope making machines . . .	4	-	-	2	1	-	-	1	940	-	-	-	900	33	-	-	7
Sewing machines . . .	39	-	-	2	9	4	6	20	566	-	-	-	-	332	77	77	90
Spinning machines, N. O. C. . .	19	-	-	2	5	5	2	5	1,134	-	-	-	600	396	92	22	24
Jacks and mules . . .	16	-	-	1	3	4	7	4	945	-	-	-	300	525	17	83	20
Spinning frames . . .	33	-	-	1	11	4	4	13	1,283	-	-	-	300	806	67	49	61
Drawing frames . . .	12	-	-	3	8	3	3	6	1,783	-	-	-	1,350	431	48	30	2
Spoolers . . .	15	-	-	-	3	3	3	3	243	-	-	-	-	138	48	30	27
Twisting machines . . .	16	-	-	1	4	1	4	6	632	-	-	-	300	235	21	53	23
Weaving machines, N. O. C. . .	34	-	-	1	17	5	5	5	1,753	-	-	-	300	1,278	90	57	28
Looms . . .	206	-	-	7	90	30	23	56	9,270	-	-	-	3,300	4,898	535	273	264
Warpers . . .	7	-	-	1	4	1	1	1	835	-	-	-	300	501	20	14	-
Winders, doublers and quillers . . .	43	-	-	4	24	4	5	6	3,941	-	-	-	1,500	2,277	74	59	31
<i>RUBBER, CELLULOID, COMPOSITION, PEARL</i>																	
BONE AND TORTOISE SHELL (GOVERN- MENT MACHINES):																	
Miscellaneous machines . . .	136	-	-	17	54	18	18	29	20,716	-	-	-	17,100	2,970	318	208	120
Calenders . . .	73	-	-	7	32	13	7	14	7,255	-	-	-	4,800	2,087	225	86	57
Comb cutting machines and ornament shapers . . .	9	-	-	1	4	-	2	2	2,578	-	-	-	2,400	150	-	19	9
Cutting and punching machines . . .	8	-	-	-	3	1	2	2	147	-	-	-	-	102	15	24	6
Cutting and slitting machines . . .	3	-	-	1	5	-	-	2	756	-	-	-	750	-	-	-	6
Drills (button) etc. . .	7	-	-	2	2	1	1	1	1,676	-	-	-	1,300	176	-	-	-
Grinding, washing, milling and cracking machines . . .	6	-	-	1	2	1	1	1	435	-	-	-	300	101	18	10	6
Hose making machines . . .	9	-	-	3	1	-	2	3	5,524	-	-	-	5,400	85	-	22	17
Lathes (button) etc. . .	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
Mixers (not of calender type) . . .	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
Presses, foot and hand operated . . .	6	-	-	1	1	1	1	1	830	-	-	-	750	30	21	25	4
Presses and punches (mechanical) . . .	6	-	-	-	2	1	1	2	127	-	-	-	-	46	18	13	11
Says (button) etc. . .	2	-	-	-	1	1	1	-	67	-	-	-	-	46	21	-	-
Tire and tube making machines . . .	4	-	-	1	3	-	-	-	1,308	-	-	-	1,200	108	-	-	-
<i>LAUNDRY MACHINES.</i>																	
Miscellaneous machines . . .	95	-	-	2	47	18	7	21	4,837	-	-	-	600	3,711	333	88	105
Extractors . . .	23	-	-	-	14	4	1	4	1,122	-	-	-	-	1,122	65	13	20
Ironing machines . . .	9	-	-	-	4	1	1	3	158	-	-	-	-	109	21	14	14
Body ironers . . .	24	-	-	2	6	7	-	9	1,266	-	-	-	600	495	130	-	41
Flat work ironers . . .	1	-	-	-	1	1	1	-	400	-	-	-	-	400	-	-	-
Mangles . . .	3	-	-	-	1	1	-	-	63	-	-	-	-	32	21	10	-
Washing machines . . .	5	-	-	-	5	-	-	-	602	-	-	-	-	602	-	-	-
	30	-	-	-	16	5	4	5	1,128	-	-	-	-	951	96	51	30



Car, caught between floor and	3	—	—	—	2	—	1	—	77	—	—	69	8	—
Car, caught between shaft side and	1	—	—	—	1	—	—	—	22	—	—	22	—	—
Car, caught between gate and	1	—	—	—	1	—	—	—	21	—	—	21	—	—
Car, struck by in pit	4	—	—	—	1	—	2	—	76	—	—	54	12	10
Car, struck by, elsewhere	2	—	—	—	1	—	—	—	91	—	—	75	—	—
Car, sudden stop or start	1	—	—	—	1	—	—	—	29	—	—	29	—	—
Fall of person into shaft, from floor	1	—	—	—	1	—	—	—	24	—	—	24	—	—
Gates	5	—	—	—	3	1	1	—	231	—	—	212	—	3
Objects falling down shaft, from car	3	—	—	—	2	—	—	—	448	—	—	440	8	—
All other	20	—	—	1	7	3	3	6	1,014	—	—	611	33	20
Construction Hoists and Elevators (not Derricks).														
Cable, unwinding	3	1	—	—	2	—	—	—	6,116	6,000	—	116	—	—
Cable, caught by	2	1	—	—	1	—	—	—	6,020	6,000	—	—	20	—
Car, caught between floor and	2	—	—	—	1	—	—	—	41	—	—	41	—	—
Car, caught between shaft side and	1	—	—	—	1	—	—	1	5	—	—	—	—	5
Catching of load or part thereof between car and shaft	1	—	—	—	—	—	—	—	300	—	—	—	—	—
Gates	1	—	—	—	—	—	—	—	17	—	—	—	—	—
Machinery, caught in	2	—	—	—	1	—	1	—	303	—	—	—	3	—
All other	29	—	—	2	3	3	13	8	980	—	—	104	59	38
Cranes, Locomotives, Pit Cranes and Derricks.														
Cable or chain catching or striking person	14	—	—	1	9	2	—	2	1,143	—	—	792	41	—
Car, striking person	3	—	—	1	2	—	—	—	3,073	—	—	73	—	—
Falls from crane track (not in erecting or rigging)	2	—	—	—	1	—	1	—	90	—	—	90	9	—
Hook or sling, catching or striking person	12	—	—	1	7	1	2	—	820	—	—	472	18	25
Load, struck by, swinging	21	1	—	—	9	—	3	8	7,561	6,000	—	1,482	40	39
Load, struck by, lowering or raising	16	—	—	—	10	1	1	4	1,657	—	—	1,606	16	14
Load, falling, broken cable	5	—	—	—	3	—	—	—	268	—	—	254	12	21
Load falling, slipping cable	8	—	—	—	4	1	2	1	356	—	—	313	16	22
Load falling, slipping of hook	5	—	—	3	2	—	—	—	1,145	—	—	245	5	—
Load falling, sling breaking	2	1	—	—	1	1	—	—	316	—	—	300	16	—
Load falling, machinery breaking	4	—	—	—	1	—	—	—	56	—	—	56	—	—
Load falling, hitch slipping	4	—	—	—	3	1	—	—	142	—	—	125	17	—
Machinery catching person	7	—	—	—	5	1	1	1	339	—	—	318	19	—
Objects falling from load	16	—	—	—	8	2	1	—	724	—	—	656	35	14
All other	74	1	6	—	37	7	6	17	15,247	6,000	6,000	2,964	132	81
Boom breaking	5	1	—	—	3	1	—	—	6,347	6,000	—	329	18	70
Boom swinging	13	2	—	—	7	—	2	2	13,253	12,000	—	1,222	—	9
Blocks and tackles, windlasses, capstans, and winches	22	1	—	4	11	3	—	3	13,042	6,000	5,700	1,281	48	13
Hay forks, derricks and stackers	19	2	—	—	9	2	—	6	12,454	12,000	—	386	37	31
CONVEYORS.														
Air Hoists.	176	3	—	11	72	20	19	51	33,050	18,000	—	7,635	224	234
Objects falling from	11	—	—	1	5	3	—	2	3,032	—	—	570	—	11
Caught in	4	—	—	1	1	—	—	2	1,283	—	2,400	76	—	7
Struck by load	20	—	—	—	13	3	2	2	2,471	—	1,200	2,378	56	12
Other	11	—	—	—	8	2	1	—	1,214	—	—	1,166	36	—

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —										
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
<b>Machinery.—Con.</b>																
<i>Conveyors.—Con.</i>																
<i>Overhead Trolleys.</i>																
Objects falling from . . . . .	4	1	—	—	—	—	—	—	6,021	6,000	—	—	—	—	8	13
Caught in . . . . .	3	—	—	—	1	1	1	1	74	—	—	—	—	—	14	4
Struck by load . . . . .	2	—	—	—	—	—	—	—	8	—	—	—	—	—	—	8
Other . . . . .	4	—	—	—	1	1	—	2	112	—	—	—	—	21	—	5
<i>Belt and Chain Conveyors.</i>																
Objects falling from . . . . .	11	—	—	—	6	—	—	—	708	—	—	—	—	—	9	23
Caught in . . . . .	21	—	—	4	7	1	2	7	1,835	—	—	1,200	—	15	21	32
Struck by load . . . . .	9	—	—	—	3	3	1	2	170	—	—	—	—	52	13	6
Other . . . . .	18	—	—	1	5	2	3	7	557	—	—	300	—	32	30	33
<i>Screen Conveyors.</i>																
Other . . . . .	5	—	—	—	3	—	2	—	177	—	—	—	—	—	28	—
<i>Bucket Conveyors.</i>																
Objects falling from . . . . .	11	—	—	—	6	1	—	4	487	—	—	—	—	21	—	15
Caught in . . . . .	8	—	—	—	—	2	2	3	685	—	—	600	—	40	28	17
Struck by load . . . . .	8	2	—	1	2	1	—	2	12,589	12,000	—	—	—	18	—	8
Other . . . . .	11	—	—	—	5	—	2	4	726	—	—	—	—	—	25	19
<i>Platform Conveyors and Escalators.</i>																
Objects falling from . . . . .	1	—	—	—	—	—	—	1	2	—	—	—	—	—	—	2
Caught in . . . . .	8	—	—	2	2	1	1	2	716	—	—	600	—	15	11	13
Other . . . . .	6	—	—	—	4	—	—	2	188	—	—	—	—	—	—	6
<b>Vehicles (not including Construction of).</b>	<b>3,944</b>	<b>73</b>	<b>2</b>	<b>40</b>	<b>1,793</b>	<b>500</b>	<b>491</b>	<b>1,045</b>	<b>638,803</b>	<b>438,000</b>	<b>12,000</b>	<b>37,350</b>	<b>131,865</b>	<b>9,131</b>	<b>5,604</b>	<b>4,853</b>
<b>CARS AND ENGINES.—STEAM AND ELECTRIC</b>																
<i>Falls From or In</i>																
<i>Railways.</i>																
263	10	1	3	108	28	27	86	80,272	60,000	6,000	5,400	7,693	494	293	392	4,853
In getting off, in motion . . . . .	3	—	—	2	—	—	1	113	—	—	—	—	—	—	—	3
In getting on or off, at rest . . . . .	26	—	—	11	2	4	9	544	—	—	—	—	—	33	42	40
While riding on, due to sudden start or stop . . . . .	11	—	—	2	—	2	7	115	—	—	—	—	—	—	18	32





TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Continued.*

CAUSES.	NUMBER OF TABULATABLE INJURIES.										DAYS LOST DUE TO —			
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.			Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.		
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.
<b>Vehicles (not including Construction of).—<i>Con.</i></b>														
<b>AUTOMOBILES AND OTHER POWER VEHICLES.—<i>Con.</i></b>														
Collisions, breaking of parts . . . . .	13	8	—	2	5	5	—	418	—	—	—	313	92	—
Collisions, all other . . . . .	384	8	—	—	156	55	51	66,387	48,000	—	4,800	11,413	1,026	595
Collisions with cars or engines . . . . .	49	—	—	—	13	5	8	37,400	36,000	—	—	1,140	87	95
Cranks . . . . .	502	1	—	—	231	58	66	22,437	9,000	—	—	13,885	1,076	770
Engines, N. O. C. . . . .	5	—	—	—	2	—	—	3	—	—	—	106	—	—
Falls from . . . . .	639	10	—	4	309	68	73	98,116	60,000	—	7,800	27,465	1,221	820
Mechanical unloading . . . . .	18	—	—	—	60	16	15	9	483	—	—	427	—	—
Objects falling from . . . . .	129	—	—	2	6	1	1	4	790	—	1,200	4,294	290	173
Objects shifting on load . . . . .	23	2	—	—	6	1	1	4	12,968	—	—	740	68	10
Overturning, skidding of . . . . .	9	1	—	—	5	2	1	—	6,643	6,000	—	879	37	10
Overturning, breaking of parts . . . . .	51	3	—	2	30	4	4	86	21,978	18,000	1,050	2,775	75	47
Overturning, all other . . . . .	360	12	1	2	191	45	43	66	95,920	72,000	6,000	15,058	819	519
Struck by . . . . .	869	8	—	19	373	126	114	229	86,732	48,000	9,000	23,067	2,325	1,310
All other . . . . .	39	1	—	—	9	9	14	6	6,761	6,000	—	430	166	141
Bicycles . . . . .	7	1	—	—	2	1	—	3	6,102	6,000	—	71	19	—
Aeroplanes . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>ANIMAL-DRAWN VEHICLES.</b>														
Breaking of parts . . . . .	381	6	—	4	181	57	42	91	54,146	36,000	3,600	12,606	1,022	471
Collisions with cars or engines . . . . .	5	—	—	—	3	1	—	—	6,180	6,000	—	162	18	—
Collisions with other vehicles . . . . .	13	—	—	—	6	2	1	4	279	—	—	217	34	8
Falls from . . . . .	49	2	—	—	17	9	8	13	13,219	12,000	—	879	169	103
Mechanical unloading . . . . .	177	2	—	—	92	27	16	40	20,527	12,000	—	7,678	480	174
Objects falling from (not in loading or unloading) . . . . .	2	—	—	—	1	—	—	1	136	—	—	129	—	—
Objects shifting on load . . . . .	13	—	—	—	8	1	2	2	407	—	—	441	21	28
Overturning . . . . .	2	—	—	—	2	—	—	—	340	—	—	340	—	—
Struck by . . . . .	26	—	—	—	13	1	6	3	117	—	—	103	17	—
Whiffletrees . . . . .	2	—	—	—	2	—	—	6	887	—	—	779	17	64
All other . . . . .	69	1	—	4	22	13	8	21	198	6,000	—	198	235	86
									10,838		3,600	815		102

ANIMAL-DRAWN IMPLEMENTS (NOT MACHINERY).	19	-	-	14	3	1	1	928	-	-	-	865	48	8	7
WATER CRAFT.															
Capsizing . . . . .	25	2	-	9	4	3	7	12,911	12,000	-	-	771	79	36	25
Falls from, or jumping overboard . . . . .	1	1	-	-	-	-	-	6,000	6,000	-	-	-	-	-	-
Falls from rigging . . . . .	6	1	-	1	1	2	2	6,063	6,000	-	-	30	21	22	11
Fall into hatchway . . . . .	1	1	-	-	-	-	1	21	-	-	-	-	-	-	-
All other . . . . .	16	1	-	8	3	1	4	825	-	-	-	741	58	14	12
ALL OTHER VEHICLES.															
All other vehicles . . . . .	1	-	-	1	-	-	-	45	-	-	-	45	-	-	-
All other vehicles . . . . .	1	-	-	1	-	-	-	45	-	-	-	45	-	-	-
Explosions, Electricity, Fires and Hot															
Explosives.	2,051	44	-	656	312	317	709	329,778	264,000	-	17,100	36,329	5,662	3,692	2,995
BOLLERS AND STEAM-PRESSURE APPARATUS.															
Economizers and superheaters, explosions of . . . . .	1	-	-	-	-	-	1	3	-	-	-	-	-	-	3
Economizers and superheaters, all other causes . . . . .	7	-	-	1	1	-	4	365	-	-	300	29	18	-	18
Steam boilers, explosions of . . . . .	5	-	-	4	5	-	-	473	-	-	-	381	92	-	9
Steam boilers, escaping steam and hot water . . . . .	9	-	-	1	2	2	2	75	-	-	-	44	36	22	4
Steam boilers, all other causes . . . . .	6	-	-	2	2	-	1	102	-	-	-	62	36	-	3
Steam pipes, explosions of . . . . .	4	-	-	2	1	-	1	76	-	-	-	52	21	-	25
Steam pipes, all other causes . . . . .	13	-	-	1	5	1	6	169	-	-	-	46	84	14	3
Steam and hot water gauges, all other causes . . . . .	3	-	-	2	1	1	-	75	-	-	-	61	-	14	3
Other steam pressure apparatus, explosions of . . . . .	4	-	-	2	1	1	-	196	-	-	-	161	21	14	-
Other steam pressure apparatus, all other causes . . . . .	24	-	-	5	6	6	7	426	-	-	-	229	106	65	26
Explosions of Explosive Substances.															
Blasting . . . . .	26	-	-	18	1	3	3	5,033	-	-	3,000	1,970	18	28	17
Premature shot . . . . .	1	1	-	-	-	-	-	6,000	6,000	-	-	-	-	-	-
All other . . . . .	1	-	-	-	-	-	1	7	-	-	-	-	-	-	7
Explosives, manufacturing and storage . . . . .	1	-	-	1	-	-	1	35	-	-	-	35	-	-	-
Explosives, transportation and handling . . . . .	3	-	-	2	-	-	1	72	-	-	-	68	-	-	4
Gas . . . . .	45	2	-	9	6	14	14	12,954	12,000	-	-	627	107	149	71
Gasoline and other petroleum products . . . . .	40	1	-	16	5	9	9	7,332	6,000	-	-	1,083	97	105	47
All other . . . . .	27	2	-	15	2	5	2	15,536	12,000	-	1,800	1,632	39	51	14
OTHER EXPLOSIONS.															
Ammonia apparatus . . . . .	2	-	-	1	-	-	-	1,887	-	-	1,800	87	-	-	-
Other high pressure apparatus . . . . .	6	-	-	2	1	-	3	430	-	-	-	397	18	-	15
All other . . . . .	194	4	-	21	2	4	9	28,490	24,000	-	3,300	1,067	31	45	47
Electricity . . . . .	104	18	-	62	33	25	53	114,877	108,000	-	2,400	3,401	585	304	187



All other	478	4	4	4	260	48	54	108	55,436	24,000	—	3,300	26,155	852	635	480
Leading platforms	54	1	1	1	21	4	8	19	7,928	6,000	—	300	1,393	97	88	80
Piles	66	1	1	1	33	4	9	18	9,692	6,000	—	300	3,129	172	109	82
Poles and trees	78	3	3	3	47	7	5	15	25,965	18,000	—	3,000	4,710	133	55	67
Roofs	68	5	5	5	46	3	5	6	42,085	30,000	—	5,700	6,252	53	53	27
Runways, balconies and platforms, not leading platforms	148	4	1	—	67	22	20	34	36,378	24,000	6,000	—	5,579	413	227	159
<i>Scaffolds and Staging.</i>																
Breaking or shipping	155	2	—	6	91	13	8	35	34,234	12,000	—	9,600	12,156	240	93	145
Breaking of trestle or support	25	2	—	1	10	3	2	7	16,545	12,000	—	2,400	2,037	51	25	32
Tilting of scaffold	33	—	—	—	25	1	—	5	504	—	—	—	504	—	—	—
Tilting or falling of loose plank	299	4	—	2	191	26	21	55	2,735	—	—	—	2,680	19	19	17
All other	1,318	4	—	7	535	168	150	454	52,033	24,000	—	3,600	23,471	463	238	261
Stairs and steps	—	—	—	—	—	—	—	—	83,154	24,000	—	11,700	40,553	3,086	1,728	2,087
Tramways and trestles	—	—	—	—	—	—	—	—	564	—	—	—	564	—	—	—
Windows and wall openings	29	4	—	1	17	2	2	3	27,426	24,000	—	1,800	1,554	37	22	13
All other	243	2	—	2	120	18	30	73	25,425	12,000	—	—	12,434	347	338	306
<i>INTO EXCAVATIONS, PITS AND SHAFTS.</i>																
Bins and vats, containing hot or corrosive substances	8	—	—	—	4	—	2	2	363	—	—	—	333	—	22	8
Bins and vats, all other	60	2	—	—	25	11	8	14	14,178	12,000	—	—	1,825	198	63	63
Floor openings (not elevator shafts)	96	2	—	1	48	11	10	24	19,113	12,000	—	2,400	4,291	203	111	108
Manholes	16	—	—	—	5	2	2	7	532	—	—	—	446	40	24	22
Excavations	118	2	—	3	56	12	13	30	19,620	12,000	—	1,500	5,602	224	168	126
<i>ON LEVEL.</i>																
Slipping	2,391	6	—	11	1,094	265	285	800	141,323	36,000	—	15,000	78,396	4,884	3,248	3,795
Stumbling over fixed objects	132	1	—	2	76	19	15	39	15,079	6,000	—	3,300	5,102	340	156	181
Stumbling over loose objects	630	—	—	—	235	79	94	221	24,097	—	—	2,400	18,144	1,463	1,049	1,341
All other	717	—	—	2	257	71	94	293	22,848	—	—	3,300	15,795	1,310	1,062	1,381
Slipping on wet floors	433	1	—	2	195	48	60	127	27,255	6,000	—	4,200	14,904	885	694	572
Stepping on, or Striking against Objects.	3,665	6	1	9	934	467	448	1,800	119,871	36,000	6,000	7,200	49,232	8,459	5,160	7,820
Stepping ON OBJECTS.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nails	1,115	—	—	—	121	129	164	701	11,830	—	—	—	4,600	2,304	1,861	3,065
All other sharp objects	125	—	—	—	28	16	14	67	1,767	—	—	—	1,035	277	160	295
<i>STRIKING AGAINST OBJECTS.</i>																
Fellow-employees	35	—	—	—	9	2	7	17	744	—	—	—	556	34	79	75
Nails	318	1	—	2	64	42	46	163	11,612	6,000	—	600	2,983	737	546	716
Other fixed objects	673	—	1	4	262	97	58	251	27,445	—	6,000	4,200	13,793	1,754	650	1,048
Splinters or sharp projections from walls or structures	299	—	—	1	72	45	30	151	7,499	—	—	1,800	3,925	811	338	625
All other objects	1,100	—	5	2	378	136	129	450	58,974	30,000	—	600	22,330	2,522	1,526	1,996
<i>Falling Objects (not being handled by injured).</i>																
Falling Objects (not being handled by injured).	2,379	14	—	19	997	252	252	845	187,900	84,000	—	16,200	76,540	4,613	2,929	3,618
Collapse of.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Building and walls	6	1	—	—	5	—	—	—	6,599	6,000	—	—	599	—	—	2
Chutes, conveyors and slides	4	—	—	—	2	1	—	1	180	—	—	—	161	17	—	—

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —						
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.							
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				
<b>Falling Objects (not being handled by Injured).—Con.</b>												
Piles (stacked, stored or piled up material)	30	1	—	—	17	1	3	8	7,449	6,000	—	—
Scaffolds and stagings . . . . .	7	—	—	—	1	—	2	4	236	—	—	—
All other . . . . .	13	—	—	1	6	1	1	4	2,406	—	1,800	—
<b>FROM ELEVATIONS.</b>												
Buildings in course of construction or demolition . . . . .	33	1	—	1	9	4	3	15	9,445	6,000	—	—
Buildings not in course of construction or demolition . . . . .	5	—	—	—	2	—	1	2	169	—	—	—
Chutes, conveyors, slides and screens . . . . .	45	—	—	—	15	6	5	19	1,439	—	—	—
Floor openings—in building construction . . . . .	2	—	—	—	1	—	—	1	207	—	—	—
Machines and workbenches . . . . .	239	—	—	1	86	25	25	102	5,993	—	—	—
Piles (stacked, stored or piled up material)	108	1	—	—	46	10	4	47	9,430	6,000	—	—
Racks and shelves . . . . .	50	—	—	1	13	4	8	24	2,055	—	900	—
Runways, balconies and platforms . . . . .	22	—	—	—	12	5	—	5	613	—	—	—
Scaffolds and stagings . . . . .	35	—	—	—	17	2	3	13	1,769	—	—	—
Other elevations . . . . .	811	2	—	7	324	87	102	289	42,446	12,000	4,500	—
Objects dropped by person other than injured person . . . . .	151	—	—	2	63	17	13	56	5,926	—	600	—
<b>TREES.</b>												
Limbs, not in falling trees . . . . .	24	—	—	—	7	3	4	10	674	—	—	—
Trees in falling . . . . .	26	1	—	1	9	3	4	8	9,358	6,000	1,800	—
Trees, kick backs of, in falling . . . . .	1	—	—	—	1	—	—	—	63	—	—	—
Trees, not in falling . . . . .	16	—	—	—	7	1	1	7	623	—	—	—
Objects tipping over . . . . .	466	—	—	2	193	60	56	155	18,561	—	2,700	—
<b>INTO EXCAVATIONS.</b>												
Ditches and trenches . . . . .	70	—	—	—	28	9	4	29	2,047	—	—	—
Other excavations (not tunnels, mines or quarries) . . . . .	28	1	—	—	14	1	5	7	7,478	6,000	—	—



## CAVE-INS (NOT MINES OR QUARRIES).

Ditches and trenches . . . . .	139	5	—	1	92	10	5	26	43,044	30,000	—	600	12,072	194	65	113
Tunnels . . . . .	1	—	—	1	1	—	—	46	—	—	—	—	46	—	—	—
Other excavations . . . . .	31	—	—	21	21	1	1	8	1,785	—	—	—	1,717	16	11	41
In mines and quarries—inside . . . . .	15	—	—	2	5	1	1	5	7,827	6,000	—	1,200	370	18	14	25

## Handling of Objects.

Heavy Objects.	15,430	13	—	155	6,351	2,020	1,902	4,989	637,040	78,000	—	72,450	405,357	36,839	22,289	22,105
Caught between object handled and other object . . . . .	1,410	1	—	49	554	181	152	473	63,852	6,000	—	20,100	30,630	3,291	1,801	2,030
Objects dropped . . . . .	1,967	1	—	21	796	242	243	664	67,483	6,000	—	7,800	43,580	4,405	2,823	2,875
Objects falling from load (while loading or unloading) . . . . .	603	1	—	6	264	80	63	189	32,433	6,000	—	4,950	18,427	1,465	740	851
Objects falling from pile (while piling or unpling) . . . . .	150	—	—	2	56	17	18	57	4,802	—	—	600	3,408	309	233	252
Objects thrown . . . . .	164	—	—	—	55	18	23	68	4,061	—	—	—	3,187	329	273	272
Strain in handling . . . . .	5,380	6	—	7	2,747	621	593	1,406	266,362	36,000	—	4,200	201,270	11,319	6,897	6,676
Handled . . . . .	1,192	3	—	9	493	155	148	384	59,026	18,000	—	3,300	31,386	2,842	1,763	1,735

## SHARP OR ROUGH OBJECTS.

Bones . . . . .	149	—	—	2	31	33	24	59	3,250	—	—	900	1,201	618	277	254
Castings . . . . .	14	—	—	1	3	—	—	6	482	—	—	300	107	17	35	23
Glass . . . . .	509	—	—	7	124	71	104	203	14,651	—	—	5,550	5,793	1,291	1,200	817
Protruding nails in objects handled . . . . .	327	—	—	1	84	53	46	143	6,396	—	—	300	3,992	972	535	597
Protruding wires . . . . .	240	—	—	4	43	43	36	108	8,369	—	—	4,650	2,081	772	397	469
Sheet metal and sheet metal objects . . . . .	380	1	—	10	108	53	54	154	16,956	6,000	—	3,600	5,114	959	640	643
Slivers, metal . . . . .	274	—	—	5	67	47	37	118	7,858	—	—	3,000	3,105	839	429	485
Slivers, wood . . . . .	891	—	—	16	226	147	110	392	24,064	—	—	6,900	11,511	2,704	1,323	1,626
All other . . . . .	686	—	—	7	208	121	111	239	16,560	—	—	2,400	9,641	2,198	1,309	1,012

## HAND TRUCKS, CARTS AND WHEEL-FARROWS.

Caught between truck and other object . . . . .	151	—	—	2	50	24	22	53	4,251	—	—	600	2,737	434	246	234
Object falling from, not in loading or unloading . . . . .	99	—	—	—	38	12	17	32	3,695	—	—	—	3,109	218	212	156
Overturning . . . . .	68	—	—	—	42	6	2	18	2,725	—	—	—	2,503	107	118	97
Struck by truck handled by injured person . . . . .	315	—	—	—	115	48	47	105	7,665	—	—	—	5,759	878	563	465
Struck by truck handled by co-worker . . . . .	74	—	—	2	33	6	6	27	3,848	—	—	1,500	2,051	106	69	122
All other . . . . .	387	—	—	4	208	41	43	91	18,251	—	—	1,800	14,765	766	506	414

## Hand Tools.

In Hands of Injured Worker.	4,269	7	—	89	1,240	551	624	1,758	238,237	42,000	—	99,750	71,629	10,091	7,285	7,482
Breaking or coming apart of tool . . . . .	72	1	—	2	23	4	9	33	11,196	6,000	—	3,600	1,260	80	102	154
Flying particles set in motion by tool not specified . . . . .	158	—	—	14	25	18	17	84	27,190	—	—	25,200	1,160	326	193	311
Metal clips . . . . .	240	1	—	14	55	20	24	126	35,154	6,000	—	25,200	2,807	371	270	506
Nails and spikes . . . . .	30	—	—	4	3	2	4	17	7,490	—	—	7,200	131	38	44	77
Stone . . . . .	124	—	—	9	42	14	16	43	16,777	—	—	13,650	2,502	258	183	184
Glancing or slipping of tool in use . . . . .	2,687	3	—	33	727	355	410	1,159	87,425	18,000	—	13,800	39,435	6,495	4,774	4,921
All other . . . . .	705	2	—	4	278	100	104	217	35,823	12,000	—	1,800	17,962	1,833	1,240	988





Occupational Diseases.									
All other	1,061	13	—	18	499	144	143	244	137,506
Anthrax	224	2	—	—	105	39	36	42	78,000
Dermatitis	7	—	—	—	6	—	1	—	12,000
Eczema	358	—	—	—	217	43	37	61	293
Lead poisoning	22	—	—	—	13	2	4	3	20,212
Poison ivy	51	1	—	—	36	5	3	5	837
Tuberculosis (including stone cutter's consumption)	242	—	—	—	74	48	46	74	11,633
Gas	37	7	—	17	13	—	—	—	5,096
Benzol	93	1	—	—	23	6	15	48	55,875
Carbon monoxide gas	3	1	—	—	1	—	—	—	8,545
	24	1	—	—	11	1	—	11	6,213
									7,202
<b>Grand total</b>	<b>50,006</b>	<b>282</b>	<b>5</b>	<b>1,031</b>	<b>19,334</b>	<b>6,143</b>	<b>6,162</b>	<b>17,049</b>	<b>4,672,628</b>
									<b>1,692,000</b>
									<b>30,000</b>
									<b>755,900</b>
									<b>1,335,770</b>
									<b>112,183</b>
									<b>71,434</b>
									<b>75,341</b>

TABLE XI.—Machinery—Frequency of Injuries, by Manner of Occurrence and by Part of Machine, July 1, 1930, to June 30, 1931.

MANNER OF OCCURRENCE.	Total.	PART OF MACHINE ON WHICH ACCIDENT OCCURRED.							
		Point of Operation.	Belts.	Cranks or Eccentrics.	Flywheels.	Gears.	Set Screws, Keys and Bolts.	Counter- weights.	All other.
Adjusting machine, tool or work	458	294	94	1	2	33	1	—	33
Starting, stopping or operating machine	3,099	2,804	54	41	4	57	2	—	137
Cleaning or oiling machine	329	206	13	—	2	42	1	2	63
Repairing machine	75	36	8	1	1	8	—	—	21
Breaking of machine tool, or work	201	138	22	1	1	2	3	—	34
Flying objects	521	494	1	1	—	—	—	—	25
All other	1,555	107	27	—	1	21	1	1	1,397
Grand total	6,238	4,079	219	45	11	163	8	3	1,710

TABLE XII. — Study showing Conditions of Dependents in Uninsured Fatal Cases, July 1, 1930, to June 30, 1931.

Industries.	Occupation.	Age.	Wage.	Amount payable in Analogous Cases.	Dependents.	Settlement.	Financial Condition.
Telephone	Combination man	48	\$41 50	\$4,000 00	Widow and one child	\$5,000 00	Good financial condition.
Dismantling ship	Foreman	64	40 00	4,000 00	Widow	—	Fair financial circumstances.
Steam railroad	Brakeman	35	56 71	6,400 00	Widow and six children	—	Fair financial circumstances. Widow working.
Street railway	Car cleaner	59	27 12	4,000 00	Widow	—	Offered five hundred dollars (\$500.00), but company is now in the hands of a receiver. Poor financial condition.
Telephone	Combination installer	34	28 50	250 00	None	—	Single man, no dependents.
Steam railroad	Track laborer	54	19 20	6,400 00	Widow and three children	3,000 00	Fair financial circumstances.
Steam railroad	Track walker	45	16 00	250 00	None	—	Single man, no dependents.
Steam railroad	Laborer	51	19 20	250 00	None	—	Single man, no dependents.
Steam railroad	Laborer	47	19 20	250 00	None	—	Single man, no dependents.
Cement contractor	Laborer	38	22 00	6,400 00	Widow and four children	—	No further information available.
Manufacturing of coke	Crane operator	44	36 40	4,800 00	Widow and one child	5,000 00	Fair financial circumstances. Widow working.
Manufacturing of coke	Crane fireman	24	30 24	4,800 00	Widow and one child	—	Settlement made with widow, amount could not be obtained.
Steam railroad	Brakeman	57	39 00	4,000 00	Widow	1,500 00	Very poor financial condition.
Telegraph	Messenger	16	8 36	2,785 00	Parents	—	No further information available.
Steam railroad	Conductor	33	45 00	4,800 00	Widow and one child	4,500 00	Widow working. Fair financial condition.
Crushing stone	Laborer	32	30 30	250 00	None	—	Single man, no dependents.
Steam railroad	Section foreman	47	37 80	6,400 00	Widow and three children	—	No further information available.
Manufacturing of coke	Laborer	40	28 00	6,400 00	Widow and four children	5,500 00	Fair financial condition.
Farming	Vegetable picker	14	6 00	2,000 00	Parents	—	No further information available.
Wholesale and retail trade	Truck driver	21	18 00	250 00	None	—	Single man, no dependents.
Telegraph and telephone	Cable splitter	45	54 00	6,400 00	Widow and three children	4,500 00	Widow working, fair financial circumstances.
Steam railroad	Carpenter	53	31 92	4,000 00	Widow	—	Family in destitute condition.
Steam railroad	Assistant yard master	54	55 00	4,000 00	Widow	—	No further information available.
Steam railroad	Conductor	40	45 00	6,400 00	Widow and seven children	—	Very poor circumstances. Railroad offered one thousand seven hundred and fifty dollars (\$1,750.00) which was refused.
Manufacturing of wood products	Machinist	56	27 72	4,000 00	Widow	—	Very poor financial condition. Suit pending.
Carpenter	Carpenter	64	40 00	4,000 00	Widow	—	Very poor financial condition. Suit pending.
Lumber	Tree chopper	34	24 00	4,000 00	Widow	—	Very poor financial condition.
Steam railroad	Apprentice	34	21 72	4,000 00	Mother	—	Offered fifteen hundred dollars (\$1,500.00), which was refused. Deceased sole support of mother.
Trucking	Driver	30	30 00	4,800 00	Widow and one child	1,328 00	Widow working. Poor financial circumstances.



TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, etc. — Concluded.*

INDUSTRIES.	CONJUGAL CONDITION.				DEPENDENCY.			
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.			NUMBER OF PERSONS.
					Whole De- pendency.	Partial De- pendency.	No De- pendency.	
<b>Liquors and Beverages.</b>								
Other liquor and beverage workers . . . . .	—	1	—	—	1	—	—	5
	—	1	—	—	1	—	—	5
<b>Lumber and Its Re-manufacture.</b>								
Furniture . . . . .	1	5	1	—	6	—	1	13
Saw and planing mills . . . . .	—	1	—	—	1	—	—	7
Other wood workers . . . . .	1	—	—	—	1	—	1	1
	—	3	1	—	4	—	—	5
<b>Metal and Metal Products Other Than Iron and Steel.</b>								
Other metal workers . . . . .	2	—	—	—	1	—	1	2
	2	—	—	—	1	—	1	2
<b>Paper.</b>								
Box makers . . . . .	2	9	1	—	9	1	2	21
Paper and pulp mills . . . . .	—	1	—	—	1	—	—	2
Pulp mills . . . . .	1	5	1	—	5	—	2	14
Other paper goods . . . . .	—	1	—	—	1	—	—	3
	1	2	—	—	2	1	—	2
<b>Printing and Bookbinding.</b>								
Printing and publishing establishments . . . . .	2	2	—	—	4	—	—	7
	2	2	—	—	4	—	—	7
<b>Textiles.</b>								
Cotton mills . . . . .	—	11	1	—	12	—	—	42
Dyeing and finishing textiles . . . . .	—	2	1	—	3	—	—	15
Print works . . . . .	—	4	—	—	4	—	—	12
Woolen mills . . . . .	—	1	—	—	1	—	—	1
Not specified textile workers . . . . .	—	3	—	—	3	—	—	13
	—	1	—	—	1	—	—	1
<b>Miscellaneous Industries.</b>								
Electric light and power companies . . . . .	8	18	—	—	19	6	1	39
Electrical supplies . . . . .	—	6	—	—	6	1	1	13
Rubber factories . . . . .	1	2	—	—	2	1	—	6
Other miscellaneous industries and occupations . . . . .	3	2	—	—	3	2	—	4
Gas and electric companies . . . . .	1	6	—	—	6	1	—	12
<b>Water Transportation.</b>								
Water transportation . . . . .	—	4	—	—	4	—	—	10
	—	4	—	—	4	—	—	10

	18	50	4	—	51	9	12	155	13
<b>Transportation, Road, Etc.</b>									
Road, street, bridge, construction of . . . . .	6	22	2	—	22	5	3	67	7
Livery stables . . . . .	—	2	—	—	2	—	—	2	—
Truck, transfer, cab and hack companies, garages. . . . .	6	14	1	—	14	3	4	37	4
Street railways . . . . .	2	5	1	—	5	1	2	24	2
Steam railroads . . . . .	4	7	—	—	8	—	3	25	—
<b>Telephone and Telegraph.</b>									
Telephone and telegraph . . . . .	2	1	—	—	2	—	1	4	—
	2	1	—	—	2	—	1	4	—
<b>Other Persons in Transportation.</b>									
Other persons in transportation . . . . .	1	1	1	—	2	—	1	2	—
	1	1	1	—	2	—	1	2	—
<b>Aeroplane Transportation.</b>									
Aeroplane Transportation . . . . .	—	1	—	—	1	—	—	3	—
	—	1	—	—	1	—	—	3	—
<b>Trade.</b>									
Real estate . . . . .	7	25	—	1	27	3	3	65	4
Wholesale and retail trade . . . . .	—	4	—	—	3	—	1	7	—
	7	21	—	1	24	3	2	58	4
<b>Professional Service.</b>									
Professional service . . . . .	—	3	1	—	3	—	1	10	—
	—	3	1	—	3	—	1	10	—
<b>Domestic and Personal Service.</b>									
Occupations not in industries . . . . .	1	4	—	1	4	2	—	12	2
Laundry and laundry work . . . . .	—	3	—	1	3	1	—	11	1
	1	1	—	—	1	1	—	1	1
<b>Grand Total</b>	<b>71</b>	<b>195</b>	<b>14</b>	<b>2</b>	<b>216</b>	<b>35</b>	<b>31</b>	<b>569</b>	<b>50</b>





















# In Memoriam

ROBERT E. GRANDFIELD

On September 24, 1932, the Industrial Accident Board suffered the loss of its beloved Secretary, Robert E. Grandfield, Esquire, who was called to his eternal reward, and the Board adopted the following resolutions in tribute to his memory:

In these days of intensity and strain, it is altogether fitting that the Members of the Industrial Accident Board pause for a brief time and in the quiet of this room, dedicated to the executive sessions of this Board take counsel, and pay tribute to an associate and departed friend.

*Whereas:* On the twenty-fourth day of September, 1932, at the Baker Memorial Hospital, Boston, death laid its hand upon the beloved Secretary of the Industrial Accident Board and led him away; and the book of his life was closed at a time when chapters of greater purport from the richness of his experience could have been written:

*Be it Resolved:* That during the twenty years he served as Secretary he won a conspicuous place in the hearts and lives of every Member of the Board and every human being with whom he came in contact, for he possessed peculiar aptitude and large natural endowments combined with well directed and ceaseless work. No one ever went to Robert for help or advice who did not leave reassured and taking with him something of the strength that Robert's very presence inspired.

He was well fitted by training and experience and his services were marked by high idealism, combined with sound judgment. He performed his duties faithfully, diligently and conscientiously.

*Be it Further Resolved:* That the outstanding trait of Robert was his character itself. No one could imagine his doing anything that would deviate in the slightest from the highest standard of ethics. He had in an unusual degree the kindly spirit, a sympathetic interest in those with whom he came in touch, the wish to make others happy. Though modest almost to shyness, he could on occasion be outspoken and firm. He was high minded, clean, sincere, lacking wholly in self conceit, upright and honorable, the world was the better because he lived. His loyalty and devotion to his family and to the Industrial Accident Board was outstanding and his life and work never ceased to attract general attention and admiration.

*Be it Further Resolved:* That in his passing the Commonwealth, his Associates and the Members of the Industrial Accident Board have suffered an irreparable loss while the loss to his family is beyond expression.

*Be it Resolved:* That a copy of these memoirs be spread on the records of this Board and a copy transmitted to the family.

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## The Commonwealth of Massachusetts

DEPARTMENT OF INDUSTRIAL ACCIDENTS.  
Room 272, State House, Boston, June 1, 1933

*To the Honorable Senate and House of Representatives:*

The Department of Industrial Accidents has the honor to transmit herewith its twentieth annual report.

Respectfully,

### INDUSTRIAL ACCIDENT BOARD

JOSEPH A. PARKS, *Chairman*

CHESTER E. GLEASON

EMMA S. TOUSANT

EDWARD E. CLARK

ALFRED B. CENEDELLA

DANIEL J. SULLIVAN

JAMES FARRELL

EDWARD P. DOYLE, *Secretary.*

## TWENTIETH ANNUAL REPORT OF THE

# Department of Industrial Accidents.

### INTRODUCTION

The Department of Industrial Accidents presents herewith its twentieth annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year beginning July 1, 1931 to June 30, 1932.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1931, shows that there was a decided decrease in the number of injuries reported to the Board and a corresponding decrease in the number of tabulatable injuries, from 34.7 per cent in 1931 to 34 per cent in 1932. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was less by 630,545 days than for the previous year. This decrease may be accounted for, in part, by the fact that there were 7,939 less tabulatable injuries than in 1931. This number includes 222 fatals, which are given a weighted time loss of 1,332,000 days, or 360,000 days less than last year.

A synopsis of the subjects covered in the current report follows:

*The Twentieth Year of the Act.*—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

*Summary of Accident Experience.*—This chapter explains the various tables found in the Appendix, with a brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

*Dependency in Fatal Cases not Insured under the Act.*—This chapter deals with facts with particular reference to the condition of dependents in fatal cases where the injured employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

*Medical Division.*—A brief summary of the work of this division with some statistical data for the past year.

## THE TWENTIETH YEAR OF THE ACT

There were 123,517 accident reports filed with the Department of Industrial Accidents during the year July 1, 1931 to June 30, 1932. Of these, 42,067 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 222 of these cases, 7 involved permanent total disability, 864 were of a permanent partial nature, and 40,974 were temporary totals.

There was a decrease in the number of reported injuries, from 144,133 in 1931 to 123,517 in 1932, and a corresponding decrease in the number of tabulatable injuries, from 50,006 in 1931 to 42,067 in 1932.

The reports from insurance companies show that the payments made and to be made on account of injuries in this period total \$7,820,043.54, and are classified as follows: medical, \$2,565,441.28; fatal compensation, \$635,143.19; and non-fatal compensation, \$4,619,459.07.

The weighted time loss charged to all injuries is 3,442,083 days, distributed as follows: temporary total disability, 41.3 per cent; death, 38.7 per cent; permanent partial disability, 18.8 per cent; and permanent total disability, 1.2 per cent.

There were 222 fatals this year, a decrease of 60 cases in comparison with the year ending June 30, 1931. Total dependency was involved in 161 of these cases, 374 persons being so dependent. In 24 cases, dependency was partial, the dependents numbering 30. In the remaining 37 cases, there was no dependency. There were 194 cases or 87.4 per cent insured.

## SUMMARY OF ACCIDENT EXPERIENCE

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED.

The statistics of the Board show that 96.3 per cent, or 40,514 of the tabulatable injuries were insured under the provisions of the Act and that 3.7 per cent, or 1,553 cases were not insured. This compares with an insured percentage of the pervious year of 96 per cent and a non-insured percentage of 4 per cent.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, and towns which have accepted the provisions of chapter 807, Acts of 1913. During the year ending June 30, 1931, a total payment of \$8,978,058.04 was reported. This year's figures therefore show a decrease in the amount paid amounting to more than a million dollars.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts which have accepted St. 1916, ch. 807, (now G. L. Ch. 152, ss. 69-75), the sum of \$381,654.58. During the previous year the compensation agents of the Commonwealth and the different counties, cities, towns and districts reported the payment of compensation and medical in the sum of \$410,704.70.



The average cost per case, including compensation and medical benefits, paid and outstanding, in all cases in which such payments were made whether tabulatable or not, was \$81.58.

*Insurance Payments Made and Outstanding*

TYPE OF PAYMENT.	Amount.	Per Cent.
Medical, for all cases . . . . .	\$2,565,441.28	32.8
Fatal, dependency compensation . . . . .	635,143.19	8.1
Non-fatal, disability compensation . . . . .	4,619,459.07	59.1
<b>Totals . . . . .</b>	<b>\$7,820,043.54</b>	<b>100.0</b>

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

*Average Cost per Specified Case.*

TYPE OF PAYMENT.	Number of Cases.	Average Cost.
Medical, for all cases . . . . .	92,772	\$ 27.65
Fatal, dependency compensation . . . . .	183	3,378.42
Non-fatal, disability compensation . . . . .	27,218	169.72

TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

*Extent of Total Tabulatable Injuries.*

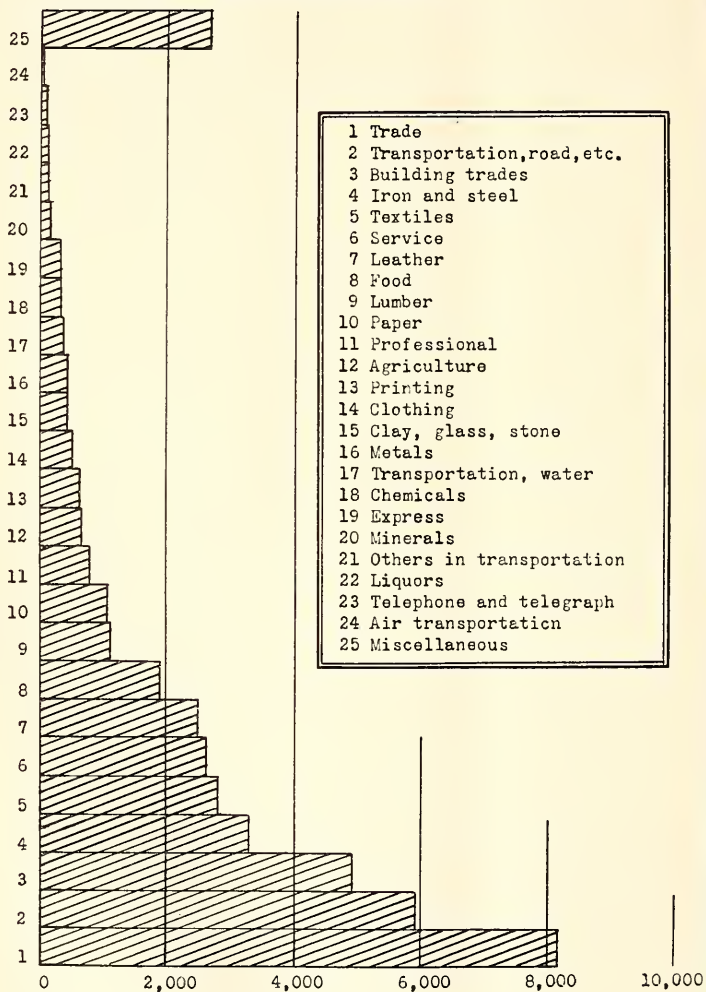
EXTENT OF DISABILITY.	Number of Cases.	Per Cent.
Deaths . . . . .	222	.5
Permanent total disabilities . . . . .	7	.1
Permanent partial disabilities . . . . .	864	2.0
Temporary total disabilities . . . . .	40,974	97.4
<b>Totals . . . . .</b>	<b>42,067</b>	<b>100.0</b>

<sup>1</sup> Less than one-tenth of one per cent.



NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIES

July 1, 1931 - June 30, 1932



Department of Industrial Accidents

The following table is a summary of the duration of disability in all cases in this classification:

*Duration of Temporary Total Disabilities.*

DISABILITY PERIOD.	Number of Cases.	Per Cent.
1 to 3 days . . . . .	5,579	13.6
4 to 7 days . . . . .	8,072	19.7
1 to 2 weeks . . . . .	4,914	12.0
2 to 3 weeks . . . . .	5,194	12.7
3 to 4 weeks . . . . .	3,701	9.0
4 to 8 weeks . . . . .	7,503	18.3
8 to 13 weeks . . . . .	3,001	7.3
13 to 26 weeks . . . . .	1,677	4.1
26 to 52 weeks . . . . .	1,047	2.6
Over 1 year . . . . .	286	.7
Totals . . . . .	40,974	100.0

It should be noted that in 13,651 cases, or 33.3 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

*Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution.*

INDUSTRIES.	TOTALS.		DEATHS.		PERMANENT TOTAL DISABILITIES.		PERMANENT PARTIAL DISABILITIES.		TEMPORARY TOTAL DISABILITIES.	
	Num-ber	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Trade . . . . .	8,174	19.9	33	14.9	—	—	78	9.0	8,063	19.7
Transportation, road . . . . .	5,923	14.1	55	24.8	1	14.2†	91	10.5	5,776	14.1
Building trades . . . . .	4,911	11.7	15	6.8	2	28.5†	67	7.8	4,827	11.8
Iron and steel . . . . .	3,308	7.8	11	5.0	2	28.5†	119	13.8	3,176	7.7
Textiles . . . . .	2,826	6.7	7	3.2	—	—	83	9.6	2,736	6.7
Service . . . . .	2,669	6.3	17	7.6	—	—	40	4.6	2,612	6.4
Miscellaneous . . . . .	2,661	6.3	28	12.6	1	14.2†	90	10.4	2,542	6.2
Leather . . . . .	2,509	5.9	6	2.7	—	—	60	7.0	2,443	5.9
Food . . . . .	1,918	4.5	7	3.2	—	—	40	4.6	1,871	4.6
Lumber . . . . .	1,115	2.6	5	2.2	—	—	55	6.4	1,055	2.6
Paper . . . . .	1,082	2.6	6	2.7	—	—	44	5.1	1,032	2.5
Professional . . . . .	779	1.8	7	3.2	—	—	13	1.5	759	1.8
Agriculture . . . . .	635	1.5	7	3.2	—	—	9	1.1	619	1.5
Printing, bookbinding . . . . .	612	1.4	—	—	—	—	12	1.4	600	1.5
Clothing . . . . .	505	1.2	—	—	—	—	5	.6	500	1.2
Clay, glass, stone . . . . .	437	1.0	2	.9	1	14.2†	17	2.0	417	1.0
Metals . . . . .	425	1.0	1	.4	—	—	16	1.9	408	1.0
Water transportation . . . . .	360	.8	—	—	—	—	3	.3	357	.9
Chemicals . . . . .	325	.8	3	1.3	—	—	5	.6	317	.8
Express . . . . .	316	.7	1	.4	—	—	2	.2	313	.7
Minerals . . . . .	173	.4	4	1.8	—	—	8	.9	161	.4
Others in transportation . . . . .	137	.3	3	1.3	—	—	3	.3	131	.3
Liquors . . . . .	134	.3	—	—	—	—	3	.3	131	.3
Telephone, telegraph . . . . .	127	.3	4	1.8	—	—	—	—	123	.3
Air transportation . . . . .	6	.1	—	—	—	—	1	.1	5	.1
Totals . . . . .	42,067	100.0	222	100.0	7	100.0	864	100.0	40,974	100.0

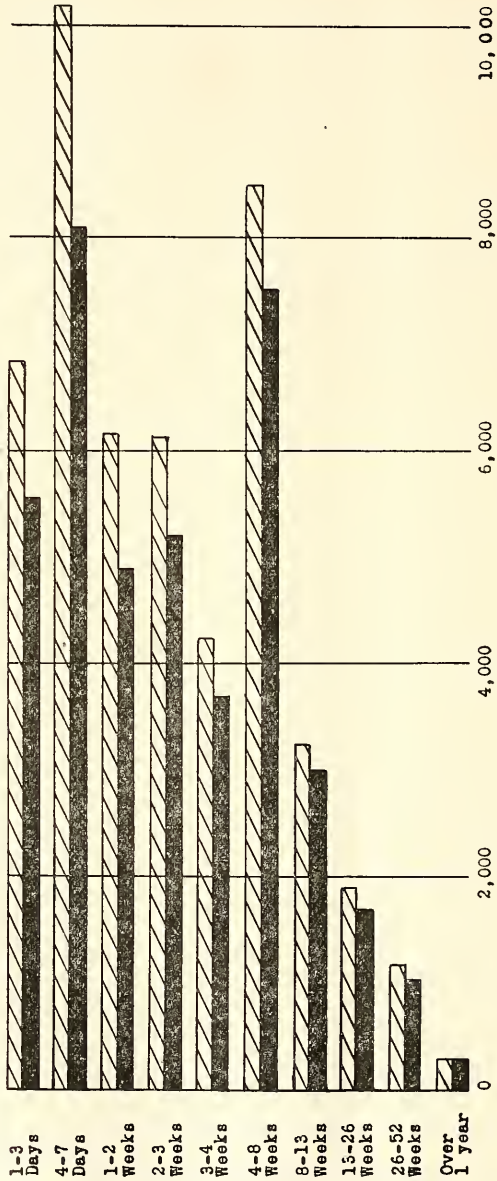
† Less than one-tenth of one per cent.

*Deaths.*—"Transportation, road, etc." had the highest number of deaths, 55, or 24.8 per cent; followed in order by "trade", with 33, or 14.9 per cent; "miscellaneous", with 28, or 12.6 per cent, and the rest as shown.

*Permanent Total Disabilities.*—There were 7 permanent total disabilities this year, distributed as follows: "building trades" and "iron and steel", each had 2, and "transportation, road, etc.", "clay, glass and stone", and "miscellaneous", each had one.

# DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY

Comparison of year ending  
June 30, 1931 with year ending June 30, 1932



Department of Industrial Accidents

There was one permanent total in which the employee, 25 years old, had both hands amputated, when they were caught in a press.

In two cases, the injuries involved both legs. In one, the employee, who was 55 years old, had both legs amputated when he was run over by a train, and in the other, paralysis of both legs resulted from an injury to the spinal cord. This employee, who was 21 years old, was injured when the truck in which he was riding, skidded and tipped over.

There was one case in which the employee, who was 70 years of age and had previously lost the sight of one eye, sustained an injury which resulted in the loss of sight in the other.

Three of the permanent total disabilities involved men of advanced years. One of these was a man 92 years old, who fell down stairs and fractured his arm and shoulder. In the second case, the employee, 67 years old, received an electric shock and drenching which was followed by a cerebral hemorrhage and paralysis of right face, arm, and leg; and in the third case, the employee, 64 years old, had a heart condition aggravated by a strain.

*Permanent Partial Disabilities.*—"Iron and steel" had the highest frequency with 119 cases or 13.8 per cent; "transportation, road, etc.", with 91 or 10.5 per cent, and "miscellaneous", with 90 or 10.4 per cent.

The original definition of this type of case included all injuries less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition. Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of this definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

*Temporary Total Disabilities.*—The frequency order of this group of injuries occurred as printed.

#### TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

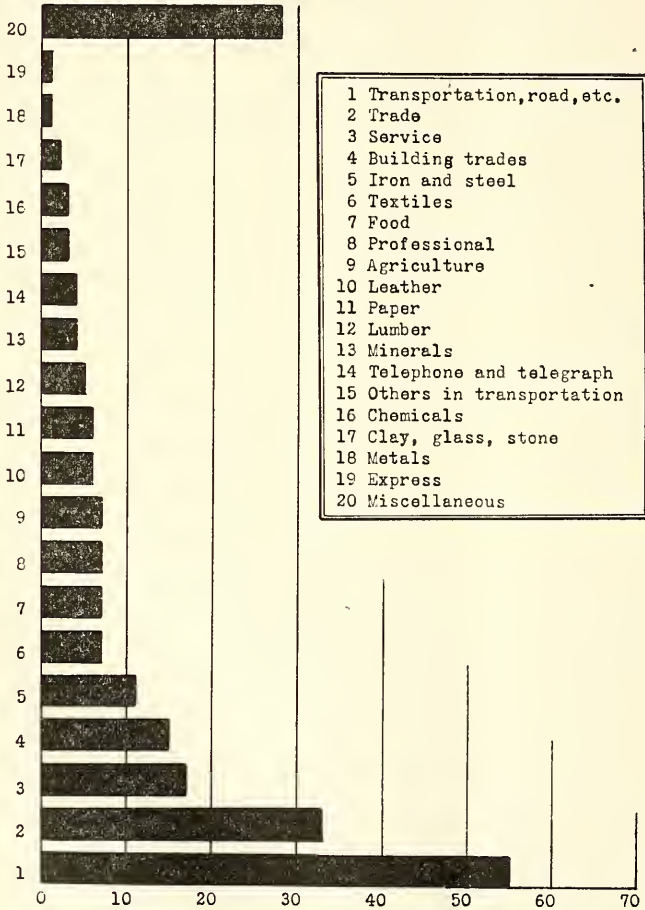
Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

NUMBER OF FATAL INJURIES BY INDUSTRIES

July 1, 1931 - June 30, 1932



Department of Industrial Accidents



*Severity of Total Tabulatable Injuries, by Industries and Extent of Disability.*

INDUSTRIES.	Totals.	Deaths.	Per- manent Total Disabil- ities.	Per- manent Partial Disabil- ities.	Tem- porary Total Disabil- ities.
Transportation, road, etc.	624,623	330,000	6,000	72,750	215,873
Trade	508,734	158,000	—	63,350	247,384
Building trades	395,844	90,000	12,000	66,300	227,544
Miscellaneous	315,987	168,000	6,000	61,050	80,937
Iron and steel	275,847	66,000	12,000	84,500	113,347
Service	221,359	102,000	—	38,100	81,259
Textiles	200,247	42,000	—	58,350	99,897
Leather	154,372	36,000	—	40,650	77,722
Food	124,454	42,000	—	29,500	52,954
Lumber	92,633	30,000	—	30,000	32,633
Paper	90,563	36,000	—	22,950	31,613
Agriculture	81,205	42,000	—	15,900	23,305
Professional	74,813	42,000	—	11,700	21,113
Clay, glass, stone	50,153	12,000	6,000	13,050	19,103
Minerals	34,842	24,000	—	5,100	5,742
Metals	30,482	6,000	—	10,350	14,132
Chemicals	29,846	18,000	—	3,000	8,846
Others in transportation	27,378	18,000	—	3,600	5,778
Telephone and telegraph	26,677	24,000	—	—	2,677
Printing, bookbinding	25,979	—	—	7,800	18,179
Clothing	21,467	—	—	4,200	17,267
Water transportation	14,902	—	—	1,200	13,702
Express	13,900	6,000	—	600	7,300
Liquors	5,095	—	—	1,200	3,895
Air transportation	681	—	—	300	381
Totals	3,442,083	1,332,000	42,000	645,500	1,422,583

*Percentage Distribution of Lost Days and Average Days Per Case, by Industries.*

INDUSTRIES.	Per Cent of Total.	Average Days per Case.
Transportation, road, etc.	18.1	105
Trade	14.8	62
Building trades	11.5	80
Miscellaneous industries	9.2	118
Iron and steel	8.0	83
Service	6.4	82
Textiles	5.8	70
Leather	4.5	61
Food	3.6	64
Lumber	2.7	83
Paper	2.6	83
Agriculture	2.4	127
Professional service	2.2	96
Clay, glass, and stone	1.5	114
Minerals	1.0	201
Metals	.9	71
Chemicals	.9	91
Others in transportation	.8	199
Telephone and telegraph	.8	210
Printing and bookbinding	.7	42
Clothing	.6	42
Water transportation	.4	41
Express	.4	43
Liquors	.1	38
Air transportation	.1	113
Totals	100.0	81

<sup>1</sup> Less than one-tenth of one per cent

A study of the above table indicates that the industry "telephone and telegraph" contained the injuries which were of the most severe character, the average days lost per case being 210. However, it should be noted that there were only 127 cases in this industry classification, 4 being fatalities for which a weighted time loss of 24,000 days is given.

The industry "service" showed an average time loss of 82 days per case as compared with 32 days per case in 1931. This may be accounted for by the fact that there were 17 fatalities in 1932 and only 6 in 1931.



*Distributed Severity of Injuries.*

EXTENT OF DISABILITY.	Days Lost.	Per Cent.
Deaths . . . . .	1,332,000	38.7
Permanent total disabilities . . . . .	42,000	1.2
Permanent partial disabilities . . . . .	645,500	18.8
Temporary total disabilities . . . . .	1,422,583	41.3
Totals . . . . .	3,442,083	100.0

The above table indicates that under the weighted system used, deaths cover 38.7 per cent of the total time loss, although only 222 out of a total of 42,067 cases were fatal.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

*Sex of Injured.*—The following table indicates that from a total of 42,067 cases, 90.4 per cent occurred among males and 4,020 or 9.6 per cent occurred among females. The experience according to the extent of disability is here shown.

*Extent of Injury, by Sex.*

EXTENT OF DISABILITY.	MALES.		FEMALES.	
	Number of Cases.	Per Cent.	Number of Cases.	Per Cent.
Deaths . . . . .	216	.5	6	.1
Permanent total disabilities . . . . .	7	.— <sup>1</sup>	—	—
Permanent partial disabilities . . . . .	804	2.1	60	1.5
Temporary total disabilities . . . . .	37,020	97.3	3,954	98.4
Totals . . . . .	38,047	100.0	4,020	100.0

<sup>1</sup> Less than one-tenth of one per cent

An analysis of the above table shows that males sustained 97.3 per cent of the fatal injuries, and that .5 per cent of the total injuries to them were fatal. The fatal injuries to women were .1 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

*Age.*—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

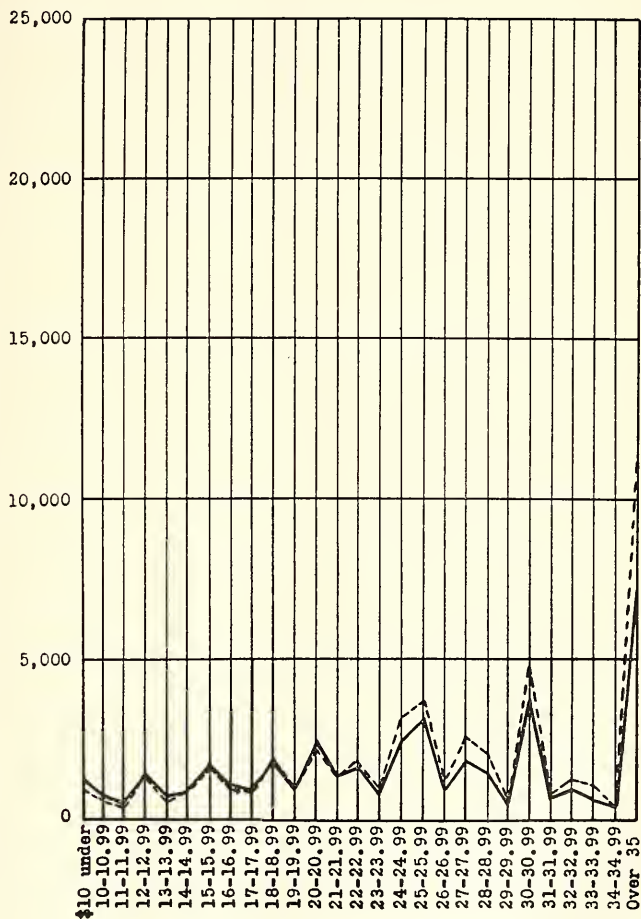
*Distribution of Total Tabulatable Injuries, by Age Periods.*

AGE PERIODS (YEARS) .	Number of Cases.	Per Cent.
14 and under . . . . .	46	.1
15 . . . . .	75	.2
16 . . . . .	351	.8
17 . . . . .	633	1.5
18 . . . . .	981	2.3
19 . . . . .	1,158	2.7
20 to 24, inclusive . . . . .	6,742	16.0
25 to 29, inclusive . . . . .	6,105	14.5
30 to 34, inclusive . . . . .	5,492	13.1
35 to 39, inclusive . . . . .	5,582	13.3
40 to 44, inclusive . . . . .	4,524	10.8
45 to 49, inclusive . . . . .	3,656	8.7
50 to 54, inclusive . . . . .	2,754	6.5
55 to 59, inclusive . . . . .	1,802	4.3
60 to 64, inclusive . . . . .	1,210	2.9
65 and over . . . . .	956	2.3
Totals . . . . .	42,067	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

# NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUPS

Comparison of year ending  
June 30, 1931 with year ending June 30, 1932



Department of Industrial Accidents

TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

*Distribution of Tabulatable Injuries, by Wage Groups.*

WAGE GROUPS	Number of Cases.	Per Cent of Total.	Cumulative Per Cent.
Under \$10.00 . . . . .	1,239	3.1	3.1
\$10.00 to \$10.99 . . . . .	752	1.8	4.9
\$11.00 to \$11.99 . . . . .	395	.9	5.8
\$12.00 to \$12.99 . . . . .	1,323	3.2	9.0
\$13.00 to \$13.99 . . . . .	636	1.5	10.5
\$14.00 to \$14.99 . . . . .	824	2.0	12.5
\$15.00 to \$15.99 . . . . .	1,694	4.0	16.5
\$16.00 to \$16.99 . . . . .	1,069	2.5	19.0
\$17.00 to \$17.99 . . . . .	838	2.0	21.0
\$18.00 to \$18.99 . . . . .	1,809	4.3	25.3
\$19.00 to \$19.99 . . . . .	961	2.3	27.6
\$20.00 to \$20.99 . . . . .	2,389	5.7	33.3
\$21.00 to \$21.99 . . . . .	1,354	3.2	36.5
\$22.00 to \$22.99 . . . . .	1,678	4.0	40.5
\$23.00 to \$23.99 . . . . .	815	1.9	42.4
\$24.00 to \$24.99 . . . . .	2,416	5.7	48.1
\$25.00 to \$25.99 . . . . .	3,088	7.3	55.4
\$26.00 to \$26.99 . . . . .	893	2.1	57.5
\$27.00 to \$27.99 . . . . .	1,852	4.4	61.9
\$28.00 to \$28.99 . . . . .	1,475	3.5	65.4
\$29.00 to \$29.99 . . . . .	459	1.1	66.5
\$30.00 to \$30.99 . . . . .	3,739	8.9	75.4
\$31.00 to \$31.99 . . . . .	615	1.5	76.9
\$32.00 to \$32.99 . . . . .	964	2.3	79.2
\$33.00 to \$33.99 . . . . .	693	1.7	80.9
\$34.00 to \$34.99 . . . . .	406	1.0	81.9
\$35.00 and over . . . . .	7,631	18.1	100.0
Totals . . . . .	42,067	100.0	

This year as well as last, the group "\$35.00 and over", is the largest with 7,631 cases or 18.1 per cent of the total. This, is however, 4.2 per cent less than for the year ending June 30, 1931 and 5 per cent less than for 1930.

There was also a decrease, from 49.7 per cent in 1931 to 42.5 per cent in 1932, in the number of cases in which the employees received the maximum weekly compensation of \$18 a week.

There was an increase in the number of employees receiving less than \$10 a week, from 1.8 per cent in 1931 to 3.1 per cent in 1932.

TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY.

*Distribution of Tabulatable Injuries, by Location of Injury.*

LOCATION OF INJURY.	Number of Cases.	Per Cent.
Upper extremities . . . . .	17,041	40.5
Lower extremities . . . . .	11,157	26.5
Trunk . . . . .	9,062	21.6
Head . . . . .	2,362	5.6
Face and neck . . . . .	1,231	2.9
Body . . . . .	1,214	2.9
Totals . . . . .	42,067	100.0

It will be observed that of a total of 42,067 injuries 17,041 or 40.5 per cent affected the upper extremities. Although this is 3,663 cases less than in 1931, the percentage decrease is only .9 per cent.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by the location and nature of injury, will prove of interest.

*Distribution of Tabulatable Injuries, by Location and Nature of Injury*

NATURE OF INJURY.	Head.	Face and Neck.	Trunk	Upper Extremities.	Lower Extremities.	Body.	Totals
Cuts, punctures, etc. . . . .	809	470	65	8,550	2,251	37	12,182
Sprains and strains . . . . .	3	49	6,721	1,552	2,650	46	11,021
Abrasions, bruises, etc. . . . .	367	176	1,084	2,437	3,523	260	7,847
All other . . . . .	781	92	650	1,079	941	449	3,992
Fractures . . . . .	80	70	484	1,333	1,410	—	3,377
Burns and scalds . . . . .	181	272	35	847	282	53	1,670
Occupational diseases . . . . .	18	102	12	441	27	348	948
Amputations, loss of use . . . . .	68	—	—	677	30	—	775
Dislocations . . . . .	—	—	11	125	43	—	179
Concussions . . . . .	55	—	—	—	—	—	55
Electric shocks . . . . .	—	—	—	—	—	21	21
Totals . . . . .	2,362	1,231	9,062	17,041	11,157	1,214	42,067

TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

*Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution.*

NATURE OF INJURY.	Totals.	Per Cent.	Deaths.	Per- manent Total Disabili- ties.	Per- manent Partial Disabili- ties.	Tem- porary Total Disabili- ties.
Cuts, punctures, etc. . . . .	12,182	29.0	19	—	3	12,160
Sprains and strains . . . . .	11,021	26.2	13	—	5	11,003
Abrasions, bruises, etc. . . . .	7,847	18.7	7	—	2	7,838
All other . . . . .	3,992	9.5	71	2	11	3,908
Fractures . . . . .	3,377	8.0	67	1	52	3,257
Burns and scalds . . . . .	1,670	4.0	13	—	—	1,657
Occupational diseases . . . . .	948	2.2	13	—	19	916
Amputations, loss of use . . . . .	775	1.8	1	3	771	—
Dislocations . . . . .	179	.4	—	—	—	179
Concussions . . . . .	55	.1	2	—	1	52
Electric shocks . . . . .	21	.1	16	1	—	4
Totals . . . . .	42,067	100.0	222	7	864	40,974

<sup>1</sup> Less than one-tenth of one per cent

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

A comparison of the statistics of infections shows that there were 634 less cases than in 1931. Experience of the Board shows that for the past four years, one out of every ten tabulatable injuries resulted in an infection. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

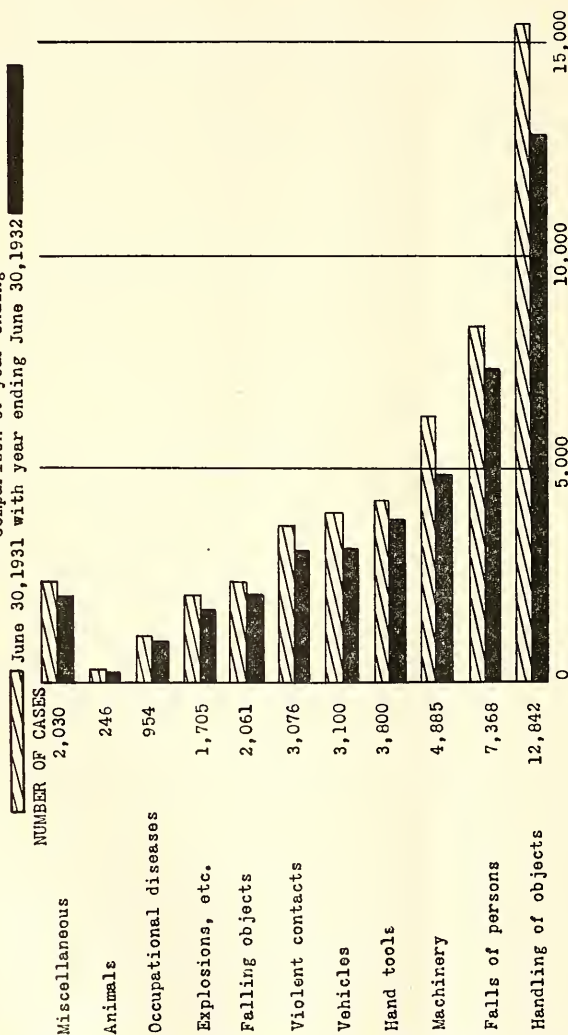
*Infection, by Nature of Injury and Extent of Disability.*

NATURE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Cuts, punctures, lacerations . . . . .	2,749	11	—	1	2,737
All other . . . . .	539	1	—	—	538
Abrasions, bruises, contusions . . . . .	657	5	—	—	652
Burns and scalds . . . . .	112	—	—	—	112
Amputations, loss of use . . . . .	36	1	1	34	—
Fractures . . . . .	10	3	—	2	5
Sprains and strains . . . . .	1	—	—	—	1
Totals . . . . .	4,104	21	1	37	4,045

According to the above table, 4,104 cases of infections ensued from injuries. This is 9.7 per cent of the total tabulatable injuries.

# DISTRIBUTION OF INJURIES

Comparison of year ending  
June 30, 1931 with year ending June 30, 1932



Department of Industrial Accidents



TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

*Total Tabulatable Injuries, by Cause of Injury and Extent of Disability.*

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	12,842	23	1	162	12,656
Falls of persons . . . . .	7,368	37	1	49	7,281
Machinery . . . . .	4,885	35	1	474	4,375
Hand tools . . . . .	3,800	1	1	63	3,735
Vehicles . . . . .	3,100	49	2	28	3,021
Stepping on or striking against objects . . . . .	3,076	6	—	16	3,054
Falling objects, not being handled by employee . . . . .	2,061	9	—	18	2,034
Miscellaneous causes . . . . .	2,030	15	—	21	1,994
Explosions, electricity, etc. . . . .	1,705	32	1	12	1,660
Occupational diseases . . . . .	954	13	—	20	921
Animals . . . . .	246	2	—	1	243
Totals . . . . .	42,067	222	7	864	40,974

The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

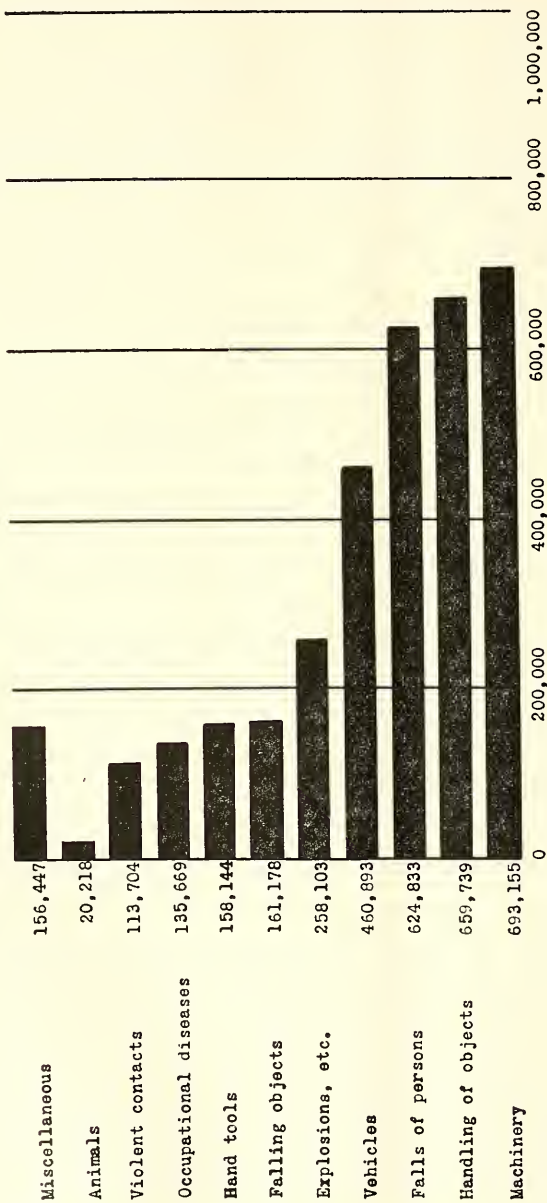
*Distribution of Causes, by Per Cents.*

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	30.5	10.4	14.3	18.7	30.9
Falls of persons . . . . .	17.5	16.7	14.3	5.7	17.8
Machinery . . . . .	11.6	15.8	14.3	54.9	10.7
Hand tools . . . . .	9.0	.4	14.3	7.3	9.1
Vehicles . . . . .	7.4	22.1	28.5	3.2	7.4
Stepping on or striking against objects . . . . .	7.3	2.7	—	1.9	7.4
Falling objects, not being handled by employee . . . . .	4.9	4.0	—	2.1	5.0
Miscellaneous causes . . . . .	4.8	6.8	—	2.4	4.9
Explosions, electricity, etc. . . . .	4.1	14.4	14.3	1.4	4.0
Occupational diseases . . . . .	2.3	5.8	—	2.3	2.2
Animals . . . . .	.6	.9	—	.1	.6
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects", with 30.5 per cent, which is .4 per cent less than last year, and followed by "falls of persons", with 17.5 per cent, or an increase of .9 per cent over 1931.



DURATION OF INJURIES  
NUMBER OF DAYS LOST



Department of Industrial Accidents

*Distribution of Causes, by Resultant Days Lost.*

CAUSE OF INJURY.	Totals.	Per Cent.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Machinery . . . . .	693,155	20.1	210,000	6,000	317,150	160,005
Handling of objects . . . . .	659,739	19.2	138,000	6,000	86,100	429,639
Falls of persons . . . . .	624,833	18.2	222,000	6,000	70,050	326,783
Vehicles . . . . .	460,893	13.4	294,000	12,000	29,700	125,193
Explosions, electricity, etc. . . . .	258,103	7.5	192,000	6,000	15,300	44,803
Falling objects, not being handled by employee . . . . .	161,178	4.7	54,000	—	19,500	87,678
Hand tools . . . . .	158,144	4.6	6,000	6,000	59,550	86,594
Miscellaneous causes . . . . .	156,447	4.5	90,000	—	21,900	44,547
Occupational diseases . . . . .	135,669	3.9	75,000	—	13,200	44,469
Stepping on or striking against objects . . . . .	113,704	3.3	36,000	—	12,750	64,954
Animals . . . . .	20,218	.6	12,000	—	300	7,918
Totals . . . . .	3,442,083	100.0	1,332,000	42,000	645,500	1,422,583

As indicated above, the most serious cause of injury, as measured in terms of time lost, is "machinery", with 20.1 per cent of the total. The estimated loss on this account, as shown by the above table, was 693,155 days.

*Average Time Loss per Case, by Principal Causes.*

CAUSE OF INJURY.	Average Days per Case.
Explosions, electricity, etc. . . . .	151
Vehicles . . . . .	148
Occupational diseases . . . . .	142
Machinery . . . . .	141
Falls of persons . . . . .	85
Animals . . . . .	82
Falling objects, not being handled by employee . . . . .	78
Miscellaneous causes . . . . .	77
Handling of objects . . . . .	51
Hand tools . . . . .	41
Stepping on or striking against objects . . . . .	37

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

*Machine Accidents, by Manner of Occurrence.*

MANNER OF OCCURRENCE.	Number of Cases.	Per Cent of Total.
Starting, stopping, or operating machine . . . . .	2,368	48.5
All other . . . . .	1,275	26.1
Flying objects . . . . .	418	8.6
Adjusting machine, tool, or work . . . . .	300	6.1
Cleaning or oiling machine . . . . .	270	5.5
Breaking of machine, tool, or work . . . . .	175	3.6
Repairing machine . . . . .	79	1.6
Totals . . . . .	4,885	100.0

Of the 4,885 machine accidents, 2,368 or 48.5 per cent, occurred while "starting, stopping or operating machine". There were 2,193 of these cases that occurred at the "point of operation".

*Machine Accidents, by Part of Machine.*

POINT OF OPERATION.	PART OF MACHINE.	Number of Cases.	Per Cent of Total.
Point of operation		3,102	63.5
All other		1,469	30.1
Belts		171	3.5
Gears		106	2.1
Cranks and eccentrics		21	.4
Flywheels		11	.2
Set screws, keys, and bolts		2	.1
Counterweights		3	.1
Totals		4,885	100.0

<sup>1</sup> Less than one-tenth of one per cent.

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES.

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of the employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

*Conjugal Condition in Fatal Cases.*

	CONDITION.	Number of Cases.	Per Cent.
Single		47	21.2
Married		155	69.8
Widowed		18	8.1
Divorced		2	.9
Totals		222	100.0

Of the 155 cases in which the employees were married, 153 involve total dependency, 1 partial dependency, and 1 no dependency.

There were 47 cases in which the employees were single. Total dependency was involved in 3 cases, partial dependency in 21 cases and in the remaining 23 cases, there was no dependency.

In the remaining 20 cases, 18 were widowed and 2 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 774 cases of specific injuries. In 90, or 11.6 per cent, the employees were more than 55 years of age; 3, or .4 per cent, occurred among children under 15 years of age.

The number of injuries to minors decreased from 37 in 1931 to 14 in 1932.

*Specific Injuries.*

TYPE OF INJURY.	Number of Cases.	Per Cent of Total.
One or more fingers, 1 phalange	516	66.7
One eye	68	8.8
Two or more fingers, 2 or more phalanges	50	6.5
Right or major index finger, 2 or more phalanges	36	4.8
Right or major thumb, 1 phalange	23	3.0
One toe	12	1.5
Right or major thumb, 2 or more phalanges	12	1.5
One foot or leg	11	1.4
Left or minor hand or arm	10	1.3
Two or more toes	6	.8
Right or major hand or arm	6	.8
Right or major index finger, at second joint and one or more fingers	6	.8
Right or major thumb at first joint and right or major index at second	4	.5
Right or major thumb and index finger, 2 or more phalanges	3	.4
Right or major thumb at first joint and 1 or more fingers	3	.4
Two or more fingers or thumbs on both hands	2	.2
Right or major thumb at second joint and 1 or more fingers	2	.2
One hand or arm and one finger or thumb	1	.1
Both feet or legs	1	.1
Both hands or arms	1	.1
Totals	774	100.0

The group "one finger or thumb", continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use, of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges".

There were three permanent total disabilities among the specific injury cases. In one of these cases, the employee, who had previously lost the sight of one eye, sustained an injury to the other, resulting in total blindness. The other two permanent totals were losses by amputation, both hands in one case and both legs in the other.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES.

There were 463 cases, or 59.8 per cent of the total specific injuries, which occurred on machinery. This is a decrease of 4.1 per cent as compared with 1931.

In the group, "one finger or thumb", there were 516 cases. There were 315 of these cases which were due to machinery and 256, or 81.3 per cent occurred at the "point of operation".

*Percentage Distribution of Specific Injury Cases, by Causes.*

CAUSE OF INJURY.	Number of Cases.	Per Cent of Total.
Machinery	463	59.8
Handling of objects	152	19.7
Hand tools	64	8.3
Vehicles	25	3.2
Miscellaneous causes	19	2.5
Stepping on or striking against objects	15	1.9
Falling objects, not being handled by employee	13	1.7
Falls of persons	11	1.4
Fires, explosions, electricity, etc.	10	1.3
Animals	1	.1
Occupational diseases	1	.1
Totals	774	100.0

*Distribution of Specific Injuries to Eye, by Causes.*

CAUSE OF INJURY.	Number of Cases.	CAUSE OF INJURY.	Number of Cases.
Hand tools	23	Vehicles	3
Machinery	15	Stepping on or striking against objects	3
Miscellaneous	6	Falls of persons	2
Fires, explosions, electricity, etc.	5	Occupational diseases	1
Handling of objects	5		
		Total	68

## DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT.

From July 1, 1931 to June 30, 1932, there were 28 not insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement, or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

*Not Insured Fatal Injuries, by Industries.*

INDUSTRIES.	Number of Cases.	INDUSTRIES.	Number of Cases.
Steam railroads	12	Manufacture of fireworks	1
Telephone and telegraph	4	Street railway	1
Lumber	2	Service	1
Transportation, road, etc.	2	Professional service	1
Stone	2	Iron and steel	1
Wholesale and retail trade	1		
		Total	28

The average age of the employees at the time of death was 42 years, and the average weekly wages were \$32.19.



Under the provisions of the Act, the dependents in these cases would have been paid a total of \$99,950.00. In 20 cases, dependency was total, and in each of these cases \$2,000 to \$6,400 would have been due, according to the number of dependents. There was one case of partial dependency and in the remaining 7 cases, there was no dependency. On each of the no dependency cases, \$150 would be due for funeral expenses and \$100 to the State in accordance with G. L. c. 152, s. 65.

In only 8 of these cases were we able to obtain accurate figures as to the actual amount paid by non-insured employers to the dependents of their fatally injured employees. The amount paid was \$31,500, or an average of \$3,937 per case. In 9 cases, suits at law were pending in the courts of the Commonwealth and therefore, no figures were obtainable. In the remaining cases, we were unable to obtain any report from either the employer or the dependents as to the amounts paid in settlement of their claims:

Below will be found a statistical tabulation of these cases:

Industry and Occupation	Age of Employee	Wages	Dependents	Settlement
Railroad, fireman . . . . .	50	\$38.85	Widow . . . . . (\$4,000.00)	\$3,000 00
Tel. and Tel., lineman . . . . .	37	\$38.00	Widow and 2 children . . . . . (\$5,600.00)	5,250 00
Railroad, yard helper . . . . .	31	\$39.72	Widow . . . . . (\$4,000.00)	3,000 00
Street railway, operator . . . . .	56	\$36.48	Widow . . . . . (\$4,000.00)	2,000 00
Tel. and Tel., lineman . . . . .	36	\$38.00	Parents . . . . . (\$3,000.00)	5,000 00
Granite, mechanic . . . . .	45	\$40.00	Widow and 6 children . . . . . (\$6,400.00)	4,000 00
Mfg. of machinery, general worker . . . . .	25	\$21.00	Widow and 3 children . . . . . (\$6,400.00)	4,000 00
Tel. and Tel., comb. installer . . . . .	39	\$43.50	Mother . . . . . (\$4,000.00)	5,250 00
				<hr/> \$31,500 00

Amount payable in analogous cases, \$37,400.00

An analysis of dependency in uninsured cases is of value in showing upon whom the burden fell.

#### *Dependency in Uninsured Cases.*

DEPENDENTS	Number of Cases.	DEPENDENTS.	Number of Cases.
Widow and 6 children . . . . .	1	Three children . . . . .	1
Widow and 3 children . . . . .	2	Parents . . . . .	1
Widow and 2 children . . . . .	3	No dependents . . . . .	7
Widow and 1 child . . . . .	4	Mother . . . . .	1
Widow . . . . .	8		
		Total . . . . .	<hr/> 28

### THE MEDICAL DIVISION.

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,<sup>1</sup> is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period, July 1, 1931 to June 30, 1932, the sum of \$2,565,441.28. This sum represents 32.8 per cent of the total payments of the year. During this period 92,772 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the em-

<sup>1</sup> Francis D. Donoghue, M. D.

plyee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the members of the Board. During the year covered by this report, 3,688 impartial examinations have been made at a total cost of \$27,349.39. In addition to this sum \$616.75 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

## AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT.

The following amendments were enacted during the 1933 session.

Section thirteen of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition thereof, is hereby amended by adding at the end thereof the following new sentence:—

Any hospital referred to in section seventy of chapter one hundred and eleven shall be precluded from recovering in any form of action any charges for services under this chapter in excess of the amount approved by the department. (Approved March 13, 1933, in effect June 11, 1933.)

Section thirty-six of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition thereof, is hereby amended by striking out paragraph (j) and inserting in place thereof the following:

(j) For the loss by severance of two phalanges or each of two fingers of the same hand which for the purposes hereof may include the thumb of the left or minor hand but not the thumb or index finger of the right or major hand, or of each of two or more toes of the same foot, two thirds of the average weekly wages of the injured person, but not more than ten dollars nor less than four dollars a week for a period of twenty-five weeks, for each hand or foot so injured, and any compensation payable under this paragraph shall be in addition to any compensation payable under paragraphs (g), (h), (i), and (k), or any of them, subject, however, to the limitation contained in said paragraph (k). (Approved June 10, 1933, in effect September 8, 1933.)



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## STATISTICAL TABLES.

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1931 to June 30, 1932.*

INDUSTRIES.	Insured.	Not Insured.	Total.
<b>Agriculture, Forestry, and Animal Husbandry.</b>	<b>630</b>	<b>5</b>	<b>635</b>
Agriculture . . . . .	398	4	402
Forestry . . . . .	122	1	123
Animal husbandry . . . . .	39	—	39
Ice harvesting . . . . .	71	—	71
<b>Extraction of Minerals.</b>	<b>170</b>	<b>3</b>	<b>173</b>
Quarrying . . . . .	170	3	173
<b>Building Trades.</b>	<b>4,892</b>	<b>19</b>	<b>4,911</b>
Hand trades . . . . .	4,892	19	4,911
<b>Chemical and Allied Products.</b>	<b>322</b>	<b>3</b>	<b>325</b>
Fertilizers . . . . .	40	—	40
Paints, varnish and japanning . . . . .	51	—	51
Powder, cartridges, fireworks, etc., makers . . . . .	15	1	16
Soap makers . . . . .	64	1	65
Other chemical workers . . . . .	152	1	153
<b>Clay, Glass and Stone Products.</b>	<b>434</b>	<b>3</b>	<b>437</b>
Brick makers . . . . .	62	—	62
Potteries . . . . .	2	—	2
Tile makers . . . . .	25	—	25
Glass makers, workers . . . . .	41	—	41
Terre cotta workers . . . . .	1	—	1
Lime, cement and gypsum . . . . .	101	1	102
Marble and stone cutters . . . . .	198	2	200
Mica, isinglass . . . . .	4	—	4
<b>Clothing.</b>	<b>505</b>	<b>—</b>	<b>505</b>
Clothing makers . . . . .	391	—	391
Corset makers . . . . .	18	—	18
Glove makers . . . . .	1	—	1
Hat makers, wool or felt . . . . .	50	—	50
Shirt, collar and cuff makers . . . . .	45	—	45
<b>Food and Kindred Products.</b>	<b>1,912</b>	<b>6</b>	<b>1,918</b>
Bakery, bread and other bakery products . . . . .	597	1	598
Butter and cheese makers . . . . .	72	—	72
Candy, confectionery . . . . .	246	1	247
Fish curers and packers . . . . .	153	4	157
Flour and grain mills . . . . .	2	—	2
Fruit and vegetable canners . . . . .	36	—	36
Slaughter and packing houses . . . . .	522	—	522
Sugar makers and refiners . . . . .	71	—	71
Other food preparers . . . . .	213	—	213
<b>Iron and Steel and Their Products</b>	<b>3,198</b>	<b>110</b>	<b>3,308</b>
Agricultural implements . . . . .	1	—	1
Automobile factories . . . . .	310	3	313
Car and railroad shops . . . . .	12	1	13
Foundries and metal working, tools, forging . . . . .	927	76	1,003
Manufacture of aeroplanes . . . . .	2	—	2
Ship and boat building . . . . .	688	23	711
Wagons and carriages . . . . .	3	—	3
Other iron and steel workers . . . . .	1,255	7	1,262
<b>Leather and Its Finished Products.</b>	<b>2,498</b>	<b>11</b>	<b>2,509</b>
Harness and saddle makers and repairers . . . . .	2	—	2
Leather belt, leather case, pocketbook makers . . . . .	87	3	90
Shoes . . . . .	1,595	2	1,597
Tanneries . . . . .	808	6	814
Trunk makers . . . . .	6	—	6
<b>Liquors and Beverages.</b>	<b>132</b>	<b>2</b>	<b>134</b>
Breweries . . . . .	—	1	1
Distilleries . . . . .	3	—	3
Other liquor and beverage workers . . . . .	129	1	130
<b>Lumber and Its Re-manufacture.</b>	<b>1,112</b>	<b>3</b>	<b>1,115</b>
Box makers (wood) . . . . .	115	—	115
Furniture . . . . .	438	—	438
Pianos and organs . . . . .	40	—	40
Saw and planing mills . . . . .	113	1	114
Other woodworkers . . . . .	406	2	408
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>425</b>	<b>—</b>	<b>425</b>
Brass mills . . . . .	52	—	52
Clock factories . . . . .	4	—	4
Copper factories . . . . .	53	—	53

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1931 to June 30, 1932 — Concluded.*

INDUSTRIES.	Insured.	Not Insured.	Total.
<b>Metals and Metal Products Other than Iron and Steel—Con.</b>			
Gold and silver factories	70	—	70
Jewelry factories	60	—	60
Lead and zinc factories	52	—	52
Tin-plate factories	39	—	39
Watch factories	19	—	19
Copper and brass factories	42	—	42
Other metal workers	34	—	34
<b>Paper</b>	<b>1,080</b>	<b>2</b>	<b>1,082</b>
Box makers (paper)	189	—	189
Makers of blank books, envelopes, tags, labels, paper bags	127	2	129
Paper and pulp mills	462	—	462
Pulp mills	6	—	6
Other paper goods	296	—	296
<b>Printing and Bookbinding</b>	<b>608</b>	<b>4</b>	<b>612</b>
Printing and publishing establishments	608	4	612
<b>Textiles</b>	<b>2,802</b>	<b>24</b>	<b>2,826</b>
Carpet mills.	63	—	63
Cotton mills	895	23	918
Dyeing and finishing textiles	279	—	279
Hemp and jute mills	20	—	20
Knitting mills	154	—	154
Linen mills	28	—	28
Print works	66	—	66
Rope and cordage factories, twine	23	—	23
Sail, awning and tent makers	20	—	20
Silk mills	128	1	129
Woolen mills, worsted mills	892	—	892
Not specified textile workers	234	—	234
<b>Miscellaneous Industries.</b>	<b>2,597</b>	<b>64</b>	<b>2,661</b>
Broom and brush makers	21	—	21
Button makers	9	—	9
Cigars and tobacco	15	1	16
Electric light and power companies	282	—	282
Electrical supplies	524	1	525
Gas works	192	54	246
Oil works	279	—	279
Rubber factories	582	1	583
Straw workers	17	—	17
Gas and electric companies	102	1	103
Other miscellaneous industries and occupations	574	6	580
<b>Water Transportation</b>	<b>284</b>	<b>76</b>	<b>360</b>
Water transportation	284	76	360
<b>Transportation, Road, Etc.</b>	<b>5,398</b>	<b>525</b>	<b>5,923</b>
Construction, and maintenance of roads, street, etc.	3,202	60	3,262
Livery stables	15	1	16
Truck, transfer cab and hack companies, garages	1,769	18	1,787
Street railways	412	57	469
Steam railroads	—	389	389
<b>Express Companies.</b>	<b>140</b>	<b>176</b>	<b>316</b>
Express companies	140	176	316
<b>Telephone and Telegraph.</b>	<b>—</b>	<b>127</b>	<b>127</b>
Telephone and telegraph	—	127	127
<b>Aeroplane Transportation.</b>	<b>6</b>	<b>—</b>	<b>6</b>
Aeroplane transportation	6	—	6
<b>Other Persons in Transportation.</b>	<b>133</b>	<b>4</b>	<b>137</b>
Other persons in transportation	133	4	137
<b>Trade.</b>	<b>7,892</b>	<b>282</b>	<b>8,174</b>
Banking and brokerage	110	—	110
Insurance	114	8	122
Real estate	421	3	424
Wholesale and retail trade	6,963	271	7,234
Elevators	36	—	36
Warehouses and cold-storage plants	163	—	163
Other persons in trade	73	—	73
Clerical assistants, (industry, business or profession not specified)	12	—	12
<b>Professional Service.</b>	<b>689</b>	<b>90</b>	<b>779</b>
Professional service	689	90	779
<b>Domestic and Personal Service.</b>	<b>2,655</b>	<b>14</b>	<b>2,669</b>
Occupations not in industries	2,200	11	2,211
Laundry and laundry work	455	3	458
<b>Grand total</b>	<b>40,514</b>	<b>1,553</b>	<b>42,067</b>

TABLE II. — *Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1931 to June 30, 1932.*

Number of employees who lost no time from work, but required medical services	56,656	
Payments made		\$562,714 88
Outstanding payments		17,235 57
		<hr/> \$579,950 45
Number of employees who were not disabled more than seven days, but required medical services	11,785	
Payments made		\$140,788 78
Outstanding payments		11,933 40
		<hr/> \$152,722 18
Number of employees receiving compensation only	3,075	
Payments made		\$217,825 10
Outstanding payments		44,464 00
		<hr/> \$262,289 10
Number of employees requiring both medical services and compensation	24,143	
Medical payments made		\$1,464,850 16
Medical payments outstanding		360,640 31
		<hr/> \$1,825,520 47
Compensation payments made		2,833,141 29
Compensation payments outstanding		1,524,028 68
		<hr/> \$4,357,169 97
Number of employees requiring neither medical services nor compensation	27,214	
Total dependency fatalities	151	
Compensation payments made		\$92,694 34
Outstanding compensation payments		502,234 73
		<hr/> \$594,929 07
Partial dependency fatalities	23	
Compensation payments made		\$4,179 76
Outstanding compensation payments		32,462 00
		<hr/> \$36,641 76
No dependency fatalities	14	
Compensation payments made		\$2,391 36
Outstanding compensation payments		1,181 00
		<hr/> \$3,572 36
<hr/>		
Number of fatal cases reported to insurers		188
Number of non-fatal cases reported to insurers		122,573
		<hr/> 123,061
Total number reported to insurers		
Total medical paid		\$2,173,600 17
Total medical outstanding		391,841 11
		<hr/> \$2,565,441 28
Total fatal compensation paid		\$99,265 46
Total fatal compensation outstanding		535,877 73
		<hr/> \$635,143 19
Total non-fatal compensation paid		\$3,050,966 39
Total non-fatal compensation outstanding		1,568,492 68
		<hr/> \$4,619,459 07
Total payments made		\$5,323,832 02
Total payments outstanding		2,496,211 52
		<hr/> \$7,820,043 54

TABLE III. — Frequency of Injuries, by Industry and Extent of Disability, July 1, 1931, to June 30, 1932

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.												
	Total Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.									
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.
<b>Agricultural, Forestry, and Animal Husbandry.</b>													
Agriculture . . . . .	635	7	9	66	105	104	68	56	130	45	21	16	8
Forestry . . . . .	402	3	4	42	66	66	46	38	77	28	13	11	8
Animal husbandry . . . . .	123	2	2	16	19	18	12	9	30	9	6	—	—
Ice Harvesting . . . . .	39	—	1	3	15	6	2	1	7	2	—	2	—
Harvesting . . . . .	71	2	2	5	5	14	8	8	16	6	2	3	—
<b>Extraction of Minerals.</b>													
Quarrying . . . . .	173	4	8	21	38	15	14	10	39	20	10	3	—
Quarrying . . . . .	173	4	8	21	38	15	14	10	30	20	10	3	—
<b>Building Trades.</b>													
Hand trades . . . . .	4,911	15	67	614	775	454	507	442	1,009	423	323	213	67
Building trades . . . . .	4,911	15	67	614	775	454	507	442	1,009	423	323	213	67
<b>Chemical and Allied Products.</b>													
Fertilizers . . . . .	325	3	5	43	74	37	34	26	63	28	7	5	—
Paints, varnish, japanning . . . . .	40	—	—	6	8	4	2	2	12	1	3	2	—
Powder, cartridges, fireworks, etc., makers . . . . .	51	—	—	5	8	5	8	4	13	6	1	1	—
Soap makers . . . . .	16	1	—	1	2	1	1	2	4	2	1	1	—
Other chemical workers . . . . .	65	—	3	11	22	6	3	6	7	7	—	—	—
Other chemical workers . . . . .	153	2	2	20	34	21	20	12	27	12	2	1	—
<b>Clay, Glass and Stone Products.</b>													
Brickmakers . . . . .	437	2	17	41	87	34	46	45	87	35	15	18	9
Potteries . . . . .	62	—	—	6	14	2	3	11	15	5	3	1	1
Tile makers . . . . .	2	—	—	—	—	—	—	—	—	—	—	—	—
Glass makers and workers . . . . .	25	—	1	2	6	4	3	2	4	—	—	2	1
Terra-cotta workers . . . . .	41	—	—	6	6	5	7	7	5	3	—	2	—
Lime, cement and gypsum . . . . .	1	—	—	—	—	—	—	—	1	—	—	—	—
Marble and stone cutters . . . . .	102	—	1	13	23	10	9	8	20	10	4	3	1
Mica and isinglass . . . . .	200	2	14	14	38	13	22	17	41	15	8	10	6
Mica and isinglass . . . . .	4	—	1	—	—	—	1	—	—	2	—	—	—
<b>Clothing.</b>													
Clothing makers . . . . .	505	—	5	66	95	71	77	56	74	21	22	13	5
Corset makers . . . . .	391	—	3	45	65	63	64	48	56	17	16	10	4
Glove makers . . . . .	18	—	1	5	8	—	—	1	3	—	—	—	—
Hat makers, wool or felt . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	—
Shirt, collar and cuff makers . . . . .	50	—	1	9	10	5	6	3	10	1	3	2	—
Shirt, collar and cuff makers . . . . .	45	—	—	7	12	3	7	3	5	3	3	1	1
<b>Food and Kindred Products.</b>													
Bakeries . . . . .	1,918	7	40	292	413	240	257	166	292	116	59	25	11
Butter and cheese makers . . . . .	598	3	19	82	109	65	67	63	102	45	27	12	4
Candy and confectionery . . . . .	72	1	—	8	11	9	13	5	19	3	1	1	—
Fish curers and packers . . . . .	247	—	8	29	41	31	42	25	40	15	9	7	—
Fish curers and packers . . . . .	157	—	—	27	31	25	30	12	24	6	1	1	—

Flour and grain mills	2	1	1	5	1	1	5	353	405	262	644	252	134	86	21	3,176
Fruit and vegetable canners	36	11	11	69	38	38	59	28	1	9	17	24	17	9	—	304
Slaughter and packing houses	522	134	134	23	8	8	7	3	3	2	1	1	13	5	1	958
Sugar makers and refiners	71	12	23	12	8	2	2	7	13	2	1	2	1	4	—	208
Other food preparers	213	32	52	24	22	16	38	—	—	—	—	—	—	—	—	—
<b>Iron and Steel and Their Products.</b>	<b>3,308</b>	<b>11</b>	<b>2</b>	<b>119</b>	<b>398</b>	<b>621</b>	<b>353</b>	<b>405</b>	<b>262</b>	<b>644</b>	<b>252</b>	<b>134</b>	<b>86</b>	<b>21</b>	<b>3,176</b>	
Agricultural implements	1	—	—	8	31	58	22	49	28	66	1	—	—	—	—	1
Automobile factories	313	1	—	—	1	—	—	3	—	5	—	—	—	—	—	304
Car and railroad shops	13	—	—	39	132	181	111	124	74	192	80	35	24	5	1	13
Foundries and metal working, tools	1,003	6	—	—	—	—	—	—	—	1	—	—	—	—	—	958
Manufacture of airplanes	2	—	—	6	88	153	100	90	62	138	34	21	14	4	—	704
Ship and boat building	711	1	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Wagons and carriages	3	—	—	66	145	229	119	139	98	241	114	58	37	11	1,191	3
Other iron and steel workers	1,262	3	2	—	327	462	299	306	260	443	183	102	57	4	2,443	2
<b>Leather and Its Finished Products.</b>	<b>2,509</b>	<b>6</b>	<b>—</b>	<b>60</b>	<b>327</b>	<b>462</b>	<b>299</b>	<b>306</b>	<b>260</b>	<b>443</b>	<b>183</b>	<b>102</b>	<b>57</b>	<b>4</b>	<b>2,443</b>	
Harness and saddle makers and repairers	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Leather belt, leather case and pocketbook makers	90	—	—	1	17	22	10	5	8	16	8	2	1	—	—	89
Shoes	1,597	3	—	45	219	257	180	200	180	282	113	80	34	4	1,549	4
Tanneries	814	3	—	14	91	182	107	101	72	142	62	19	21	—	797	6
Trunk makers	6	—	—	—	—	1	1	—	—	2	—	1	1	—	—	—
<b>Liquors and Beverages.</b>	<b>134</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>18</b>	<b>29</b>	<b>16</b>	<b>24</b>	<b>8</b>	<b>20</b>	<b>10</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>131</b>	
Breweries	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Distilleries	3	—	—	—	—	2	—	—	—	1	—	—	—	—	—	3
Other liquor and beverage workers	130	—	—	3	18	27	16	23	8	19	10	3	2	1	127	—
<b>Lumber and Its Re-manufacture.</b>	<b>1,115</b>	<b>5</b>	<b>—</b>	<b>55</b>	<b>139</b>	<b>213</b>	<b>145</b>	<b>134</b>	<b>83</b>	<b>206</b>	<b>71</b>	<b>39</b>	<b>20</b>	<b>5</b>	<b>1,055</b>	
Box makers (wood)	115	—	—	8	14	21	11	17	6	13	13	8	2	2	107	2
Furniture	438	—	—	19	54	87	65	52	37	75	27	13	7	2	419	2
Pianos and organs	40	—	—	1	4	10	4	5	4	5	4	2	1	—	39	—
Saw and planing mills	114	2	—	4	14	17	14	13	4	27	11	6	2	—	108	—
Other wood workers	408	3	—	23	53	78	51	47	32	86	16	10	8	1	382	—
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>425</b>	<b>1</b>	<b>—</b>	<b>16</b>	<b>43</b>	<b>86</b>	<b>48</b>	<b>52</b>	<b>36</b>	<b>75</b>	<b>39</b>	<b>19</b>	<b>8</b>	<b>2</b>	<b>408</b>	
Black mills	52	—	—	1	9	10	7	10	5	5	3	2	—	—	—	51
Clock factories	4	—	—	—	1	1	1	—	1	—	—	—	—	—	—	4
Copper factories	53	—	—	1	2	9	5	9	4	12	7	2	2	—	—	52
Gold and silver factories	70	—	—	2	8	11	13	9	5	8	5	3	2	1	—	65
Jewelry factories	60	—	—	2	4	16	—	7	5	12	9	3	1	1	—	58
Lead and zinc factories	52	—	—	1	7	13	6	2	3	12	3	3	4	—	—	51
Tin plate factories	39	—	—	1	4	5	4	6	6	7	3	3	—	—	—	38
Watch factories	19	—	—	3	4	4	2	3	3	3	3	1	—	—	—	19
Copper and brass factories	42	—	—	3	2	9	5	5	5	7	3	3	2	—	—	39
Other metal workers	34	1	—	2	2	8	3	3	2	9	3	1	—	—	—	31
<b>Paper.</b>	<b>1,082</b>	<b>6</b>	<b>—</b>	<b>44</b>	<b>112</b>	<b>178</b>	<b>113</b>	<b>158</b>	<b>108</b>	<b>239</b>	<b>76</b>	<b>35</b>	<b>8</b>	<b>5</b>	<b>1,032</b>	
Box makers	189	—	—	11	27	37	15	27	21	35	11	4	—	1	178	—



TABLE III — Frequency of Injuries, by Industry and Extent of Disability, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													
	Total. Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.										
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.
<b>Paper—Con.</b>														
Makers of blank books, envelopes, tags and s bags . . . . .	129	—	5	10	17	15	18	17	33	5	8	1	—	124
Paper and pulp mills . . . . .	462	4	16	39	71	55	77	45	102	35	12	4	2	442
Pulp mills . . . . .	6	1	—	—	—	1	1	—	3	—	—	—	—	5
Other paper goods . . . . .	296	1	12	36	53	27	35	25	66	25	11	3	2	283
<b>Printing and Bookbinding.</b>														
Printing and publishing establishments . . . . .	612	—	12	106	116	65	77	44	120	45	13	10	4	600
	612	—	12	106	116	65	77	44	120	45	13	10	4	600
<b>Textiles.</b>														
Carpet mills . . . . .	2,826	7	83	276	549	321	370	272	508	228	119	76	17	2,736
Cotton mills . . . . .	63	—	3	9	12	6	9	6	9	4	2	1	2	60
Dyeing and finishing textiles . . . . .	918	1	23	83	158	97	114	98	194	75	47	20	8	894
Hemp and jute mills . . . . .	279	1	11	29	68	32	31	15	54	21	13	4	—	267
Knitting mills . . . . .	20	—	—	2	3	2	1	2	5	2	3	—	—	20
Knitting mills . . . . .	154	1	4	28	35	21	18	15	18	6	5	3	—	149
Linen mills . . . . .	28	—	—	—	—	—	—	—	—	—	—	—	—	28
Print works . . . . .	66	—	1	2	11	10	5	8	11	9	3	6	—	65
Rope and cordage factories, twine Sail, awning and tent makers . . . . .	23	—	1	7	3	2	1	1	5	2	1	—	—	22
Silk mills . . . . .	20	—	—	3	4	2	3	—	2	3	—	2	—	19
Woolen and worsted mills . . . . .	129	—	1	17	19	12	18	8	20	18	8	6	2	128
Woolen and worsted mills . . . . .	892	3	33	78	187	104	133	92	140	71	22	24	5	856
Not specified textile workers . . . . .	234	1	5	17	42	30	31	24	43	16	15	10	—	228
<b>Miscellaneous Industries.</b>														
Broom and brush makers . . . . .	2,661	28	90	340	551	307	335	209	489	170	71	55	15	2,542
Button makers . . . . .	21	—	1	4	4	3	5	—	1	2	1	—	—	20
Cigars . . . . .	9	—	—	—	2	1	4	1	1	—	—	—	—	9
Electric light and power companies . . . . .	16	1	—	6	2	1	3	—	3	—	—	—	—	15
Electrical supplies . . . . .	282	13	3	31	86	30	31	19	39	13	8	8	1	266
Gas works . . . . .	525	6	31	42	89	51	66	47	115	42	19	15	2	488
Oil works . . . . .	246	2	1	31	57	49	33	14	36	10	7	3	3	243
Rubber factories . . . . .	279	1	—	50	67	37	38	20	39	13	8	4	1	277
Straw workers . . . . .	583	2	23	72	112	50	68	45	121	50	20	18	2	558
Gas and electric companies . . . . .	17	—	—	3	5	—	2	4	2	1	—	—	—	17
Other miscellaneous industries and occupations . . . . .	103	—	2	12	30	17	6	9	18	5	1	2	1	101
	580	3	28	89	97	68	79	50	114	34	7	5	5	548
<b>Water Transportation.</b>														
Water transportation . . . . .	360	—	3	36	64	52	54	36	56	24	21	11	3	357
	360	—	3	36	64	52	54	36	56	24	21	11	3	357



TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, July 1, 1931, to June 30, 1932*

INDUSTRIES.	NUMBER OF DAYS LOST.													Over 1 Year.	Total.	
	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	TEMPORARY DISABILITIES.											
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.			
<b>Agriculture, Forestry and Ani- mal Husbandry.</b>																
Agriculture	81,205	42,000	—	15,900	171	596	1,178	1,239	1,440	5,201	3,199	2,684	4,233	3,364	23,305	3,364
Forestry	39,952	18,000	—	6,000	107	378	760	814	969	3,149	2,010	1,635	2,736	3,364	15,952	3,364
Animal husbandry	20,135	12,000	—	4,800	42	103	202	209	228	1,128	622	801	—	—	3,335	—
Ice harvesting	1,381	—	—	300	9	85	63	37	28	230	132	—	497	—	1,081	—
	19,737	12,000	—	4,800	13	30	153	149	215	694	435	248	1,000	—	2,937	—
<b>Extraction of Minerals.</b>																
Quarrying	34,842	24,000	—	5,100	51	198	173	250	251	1,170	1,541	1,348	760	—	5,742	—
	34,842	24,000	—	5,100	51	198	173	250	251	1,170	1,541	1,348	760	—	5,742	—
<b>Building Trades.</b>																
Hand trades	395,844	90,000	12,000	66,300	1,554	4,413	5,330	9,364	11,279	40,210	30,579	41,465	54,756	28,594	227,544	28,594
	395,844	90,000	12,000	66,300	1,554	4,413	5,330	9,364	11,279	40,210	30,579	41,465	54,756	28,594	227,544	28,594
<b>Chemical and Allied Products.</b>																
Fertilizers	29,846	18,000	—	3,000	111	421	412	612	668	2,369	1,965	852	1,436	—	8,846	—
Paints, varnish, japanning	1,671	—	—	—	18	43	39	34	49	445	63	355	625	—	1,671	—
Powder, cartridges, fireworks, etc., makers	1,584	—	—	—	14	45	63	135	104	485	408	94	236	—	1,584	—
Soap makers	6,831	6,000	—	—	3	14	13	20	53	172	155	126	275	—	831	—
Other chemical workers	3,638	—	—	2,400	26	121	70	53	155	289	524	—	—	—	1,238	—
	16,122	12,000	—	600	50	198	227	370	307	978	815	277	300	—	3,522	—
<b>Clay, Glass and Stone Products.</b>																
Brickmakers	50,153	12,000	6,000	13,050	105	489	378	848	1,105	3,439	2,571	1,885	4,550	3,733	19,103	3,733
Potteries	8,362	—	6,000	—	15	83	24	57	283	590	360	390	186	374	2,362	374
Tile makers	49	—	—	—	—	—	—	18	—	31	—	—	—	49	—	—
Glass makers and workers	2,079	—	—	750	5	31	50	55	47	160	—	—	606	375	1,329	—
Terra cotta workers	1,416	—	—	—	16	29	52	123	167	211	243	—	575	—	1,416	—
Lime, cement, and gypsum	31	—	—	—	—	—	—	—	—	31	—	—	—	—	31	—
Marble and stone cutters	4,041	—	—	300	35	130	113	169	205	859	719	435	676	400	3,741	400
Mica and isinglass	30,440	12,000	—	8,400	34	216	139	409	403	1,557	1,131	1,060	2,507	2,584	10,040	2,584
	3,735	—	—	3,600	—	—	—	17	—	—	118	—	—	—	135	—
<b>Clothing.</b>																
Clothing makers	21,467	—	—	4,200	166	541	842	1,401	1,423	2,960	1,476	2,770	3,388	2,300	17,267	2,300
Corset makers	15,209	—	—	1,650	114	367	738	1,169	1,218	2,237	1,190	2,075	2,731	1,700	13,539	1,700
Glove makers	2,011	—	—	1,800	11	45	—	—	23	132	—	—	—	—	211	—
Hat makers, wool or felt	24	—	—	—	—	—	—	—	24	—	—	—	—	—	24	—
Shirt, collar and cuff makers	2,356	—	—	750	21	53	55	111	80	390	73	367	456	—	1,606	—
	1,867	—	—	—	20	76	29	121	78	201	213	328	201	600	1,867	—
<b>Food and Kindred Products.</b>																
Bakeries	124,454	42,000	—	29,500	745	2,295	2,700	4,679	4,153	11,221	8,376	7,538	6,604	4,643	52,954	4,643
Butter and cheese makers	54,929	18,000	—	17,100	212	609	726	1,197	1,573	4,085	3,240	3,279	3,265	1,643	19,829	1,643
Candy and confectionery	8,334	6,000	—	300	19	49	106	232	124	707	222	175	400	—	2,034	—
Fish curers and packers	11,459	—	—	3,750	76	230	373	781	641	1,528	1,105	1,075	1,900	—	7,709	—
	3,181	—	—	—	71	171	281	560	304	903	433	158	300	—	3,181	—

F. D. 105									
	10	3	7	—	—	—	—	—	10
Flour and grain mills	877	12	63	—	—	—	—	—	—
Fruit and vegetable canners	35,591	243	753	65	127	126	214	234	800
Slaughter and packing houses	2,070	31	116	774	1,327	2,193	2,031	1,562	716
Sugar makers and refiners	8,003	78	297	223	144	253	218	304	233
Other food preparers		71	287	252	394	1,426	913	751	190
<b>Iron and Steel and Their Products.</b>	<b>275,847</b>	<b>1,002</b>	<b>3,450</b>	<b>4,125</b>	<b>7,457</b>	<b>6,723</b>	<b>25,407</b>	<b>16,317</b>	<b>9,024</b>
Agricultural implements	30	—	—	—	—	—	30	—	30
Automobile factories	23,423	76	326	259	911	720	2,517	1,748	2,492
Car and railroad shops	1,224	2	—	—	49	—	187	93	400
Foundries and metal working, tools	104,188	338	1,001	1,306	2,296	1,896	7,497	5,680	4,252
Manufacture of airplanes	134	—	—	—	—	—	40	94	134
Ship and boat building	31,767	219	833	1,146	1,652	1,605	5,444	2,442	2,701
Wagons and carriages	174	3	8	—	—	—	163	174	—
Other iron and steel workers	114,907	364	1,290	1,406	2,549	2,502	9,692	7,090	9,382
<b>Leather and Its Finished Products.</b>	<b>154,372</b>	<b>833</b>	<b>2,568</b>	<b>3,520</b>	<b>5,517</b>	<b>6,574</b>	<b>17,369</b>	<b>13,032</b>	<b>14,197</b>
Harness and saddle makers and repairers	49	—	—	10	—	—	39	—	—
Leather belt, leather case and pocket-book makers	2,565	44	116	117	97	209	629	256	250
Shoes	97,439	558	1,430	2,148	3,619	4,545	11,045	9,753	8,261
Tanneries	53,913	231	1,015	1,232	1,801	1,820	5,576	2,355	5,430
Trunk makers	406	—	—	13	—	—	80	110	196
<b>Liquors and Beverages.</b>	<b>5,095</b>	<b>45</b>	<b>162</b>	<b>171</b>	<b>429</b>	<b>197</b>	<b>859</b>	<b>712</b>	<b>451</b>
Breweries	15	—	—	—	15	—	—	—	—
Distilleries	67	—	11	—	—	—	56	—	67
Other liquor and beverage workers	5,013	45	151	171	414	197	803	712	469
<b>Lumber and Its Re-manufacture.</b>	<b>92,633</b>	<b>354</b>	<b>1,150</b>	<b>1,683</b>	<b>2,435</b>	<b>2,092</b>	<b>8,130</b>	<b>4,922</b>	<b>5,265</b>
Box makers (wood)	8,870	33	109	116	299	151	436	889	968
Furniture	26,076	142	465	762	951	936	2,999	1,873	1,492
Pianos and organs	1,478	300	10	63	47	90	180	261	197
Saw and planing mills	17,155	35	91	166	229	97	1,123	795	425
Other wood workers	39,054	134	422	592	866	803	3,392	1,094	2,085
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>30,482</b>	<b>113</b>	<b>480</b>	<b>566</b>	<b>961</b>	<b>910</b>	<b>3,002</b>	<b>2,758</b>	<b>2,232</b>
Brass mills	1,768	25	59	84	188	123	212	219	258
Clock factories	4	2	4	13	—	25	—	—	—
Copper factories	3,754	6	50	55	181	95	513	502	634
Gold and silver factories	5,800	20	63	158	161	126	281	345	540
Jewelry factories	3,428	10	86	—	118	124	455	338	200
Lead and zinc factories	2,054	300	18	73	37	84	482	196	538
Tin plate factories	1,453	300	32	56	78	146	286	312	—
Watch factories	463	11	21	22	51	—	137	221	—
Copper and brass factories	2,784	6	53	66	91	132	282	114	486
Other metal workers	8,934	5	39	36	56	55	344	201	98
<b>Paper.</b>	<b>90,563</b>	<b>278</b>	<b>980</b>	<b>1,288</b>	<b>2,909</b>	<b>2,729</b>	<b>9,495</b>	<b>5,481</b>	<b>1,869</b>
Box makers	10,904	72	203	160	503	530	1,389	810	462
Makers of blankbooks, envelopes, tags and labels, bags	6,692	24	95	176	332	428	1,350	378	277



TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, etc.* — Concluded.

INDUSTRIES.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF DAYS LOST.												Over 1 Year.	Total.		
					TEMPORARY DISABILITIES.															
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	1 Year.						
<b>Paper — Con.</b>																				
Paper and pulp mills . . . . .	46,555	24,000	—	93	379	634	1,416	1,135	4,002	2,498	1,514	834	900	13,405	—	152	9,310			
Pulp mills . . . . .	6,152	6,000	—	—	—	9	16	—	127	—	—	—	—	—	—	795	9,310			
Other paper goods . . . . .	20,260	6,000	—	89	303	309	642	636	2,627	1,795	1,356	758	—	—	—	—	—			
<b>Printing and Bookbinding.</b>																				
Printing and publishing establishments	25,979	—	—	257	662	752	1,394	1,089	4,811	3,259	1,551	2,604	1,800	18,179	—	—	—			
	25,979	—	—	257	662	752	1,394	1,089	4,811	3,259	1,551	2,604	1,800	18,179	—	—	—			
<b>Textiles.</b>																				
Carpet mills . . . . .	200,247	42,000	—	707	3,018	3,677	6,837	6,937	20,667	16,203	14,945	19,291	7,615	99,897	—	—	—			
Cotton mills . . . . .	3,659	—	—	23	71	67	165	157	357	303	216	200	900	2,459	—	—	—			
Dyeing and finishing textiles . . . . .	54,594	6,000	—	221	883	1,127	2,092	2,537	7,885	5,257	5,857	4,885	3,750	34,494	—	—	—			
Hemp and jute mills . . . . .	22,226	6,000	—	73	360	384	574	373	2,249	1,569	1,660	1,034	—	8,276	—	—	—			
Knitting mills . . . . .	761	—	—	5	19	25	16	51	179	145	321	—	—	761	—	—	—			
Linen mills . . . . .	13,835	6,000	—	72	193	245	337	374	732	412	759	811	—	3,935	—	—	—			
Linen works . . . . .	596	—	—	2	41	39	110	78	254	72	—	—	—	596	—	—	—			
Print works . . . . .	4,113	—	—	6	58	114	89	195	484	681	411	1,775	—	3,813	—	—	—			
Rope and cordage factories, twine	1,163	—	—	17	19	19	17	27	196	140	128	—	—	563	—	—	—			
Sail, awning and tent makers . . . . .	1,461	—	—	7	20	23	51	—	95	193	—	472	—	861	—	—	—			
Silk mills . . . . .	6,646	—	—	40	104	131	326	210	891	1,267	1,014	1,513	850	6,346	—	—	—			
Woolen and worsted mills . . . . .	70,197	18,000	—	199	1,023	1,165	2,476	2,325	5,556	4,945	2,793	6,200	2,115	28,797	—	—	—			
Not specified textile workers . . . . .	20,996	6,000	—	42	227	338	584	610	1,789	1,219	1,786	2,401	—	8,996	—	—	—			
<b>Miscellaneous Industries.</b>																				
Broom and brush makers . . . . .	315,987	168,000	6,000	851	3,108	3,577	6,179	5,286	19,577	12,080	8,973	14,156	7,150	80,937	—	—	—			
Button makers . . . . .	1,145	—	600	9	23	36	94	26	32	169	182	—	545	—	—	—	—			
Cigars . . . . .	161	—	—	—	13	10	81	—	31	—	—	—	—	161	—	—	—			
Electric light and power companies . . . . .	6,217	6,000	—	15	11	12	54	26	125	—	—	—	—	217	—	—	—			
Electrical supplies . . . . .	89,617	78,000	—	79	489	342	573	465	1,578	924	1,002	1,865	400	7,717	—	—	—			
Gas works . . . . .	71,909	36,000	—	107	521	609	1,245	1,210	4,715	3,038	2,260	3,804	850	18,359	—	—	—			
Oil works . . . . .	20,812	12,000	—	82	309	567	598	598	1,401	728	907	745	1,325	7,012	—	—	—			
Rubber factories . . . . .	14,883	6,000	—	121	373	438	689	509	1,515	948	935	1,155	400	7,083	—	—	—			
Straw workers . . . . .	53,410	12,000	—	182	615	559	1,248	1,148	4,973	3,530	2,695	4,660	1,100	20,710	—	—	—			
Other miscellaneous industries and oc- cupations . . . . .	322	—	—	7	25	—	34	109	78	69	—	—	—	322	—	—	—			
Gas and electric companies . . . . .	53,632	18,000	6,000	220	562	809	1,449	1,240	4,362	2,319	894	1,352	2,625	15,832	—	—	—			
	3,879	—	900	29	167	195	114	229	767	355	98	575	450	2,979	—	—	—			
<b>Water Transportation.</b>																				
Water transportation . . . . .	14,902	—	—	90	378	619	1,028	946	2,136	1,721	2,498	2,961	1,325	13,702	—	—	—			
	14,902	—	—	90	378	619	1,028	946	2,136	1,721	2,498	2,961	1,325	13,702	—	—	—			
<b>Transportation, Road, etc.</b>																				
Road, street, bridge, construction of . . . . .	624,623	330,000	6,000	1,943	6,119	7,563	12,833	13,524	44,268	30,248	35,704	45,393	18,278	215,873	—	—	—			
	345,939	162,000	—	917	3,137	3,963	6,908	7,915	26,196	17,865	22,452	32,591	13,245	135,189	—	—	—			

Livery stables	1,710	-	-	750	-	10	24	41	26	48	212	349	250	-	960
Truck, transfer, hack and cab companies	146,826	72,000	-	18,450	642	1,985	2,298	4,074	3,821	12,512	8,670	9,774	9,252	3,348	56,376
Street railways	43,089	24,000	-	3,000	177	492	643	1,077	961	3,473	2,191	2,090	3,300	1,685	16,089
Steam railroads	87,059	72,000	6,000	1,800	207	495	635	733	801	2,039	1,310	1,039	-	7,259	-
Express Companies.	13,900	6,000	-	600	124	489	645	711	535	1,394	618	659	1,650	475	7,300
Express companies	13,900	6,000	-	600	124	489	645	711	535	1,394	618	659	1,650	475	7,300
Telephone and Telegraph.	26,677	24,000	-	-	40	148	361	251	342	513	522	100	-	400	2,677
Telephone and telegraph	26,677	24,000	-	-	40	148	361	251	342	513	522	100	-	400	2,677
Air Transportation.	681	-	-	300	3	6	-	-	-	32	-	115	225	-	381
Air transportation	681	-	-	300	3	6	-	-	-	32	-	115	225	-	381
Other Persons in Transportation.	27,378	18,000	-	3,600	30	91	220	262	417	1,034	931	908	1,085	800	5,778
Other persons in transportation	27,378	18,000	-	3,600	30	91	220	262	417	1,034	931	908	1,085	800	5,778
Trade.	508,734	198,000	-	63,350	3,195	9,618	11,702	22,333	17,388	51,425	39,307	31,648	41,335	19,433	247,384
Banking and brokerage	3,573	-	-	-	54	111	203	202	127	625	736	736	779	-	3,573
Insurance	4,068	-	-	1,650	41	210	194	148	173	665	581	296	710	-	3,018
Real estate	48,578	24,000	-	5,300	99	449	458	1,215	844	3,288	2,456	2,355	5,295	2,819	19,278
Wholesale and retail trade	415,496	150,000	-	52,800	2,888	8,579	10,426	20,160	15,610	45,137	33,984	26,897	33,576	15,439	212,696
Elevators	13,307	12,000	-	600	10	67	41	40	52	164	133	200	-	707	-
Warehouses and cold-storage plants	16,363	12,000	-	-	75	139	255	322	412	892	888	1,130	250	-	4,363
Other persons in trade	6,540	-	-	3,000	21	39	114	246	170	487	529	234	525	1,175	3,540
Clerical assistants, industry, business or profession, not specified	209	-	-	-	7	24	11	-	-	167	-	-	-	-	209
Professional Service.	74,813	42,000	-	11,700	338	1,125	1,022	1,616	1,670	3,657	2,470	3,187	4,728	1,300	21,113
Professional service	74,813	42,000	-	11,700	338	1,125	1,022	1,616	1,670	3,657	2,470	3,187	4,728	1,300	21,113
Domestic and Personal Service.	221,359	102,000	-	38,100	951	2,805	4,218	6,599	6,239	16,658	13,355	10,452	13,994	5,988	81,259
Occupations not in industries	175,736	84,000	-	25,800	792	2,312	3,613	5,480	5,164	13,748	10,839	9,089	9,759	5,138	65,936
Laundry and laundry work	45,623	18,000	-	12,300	159	493	603	1,119	1,075	2,910	2,516	1,363	4,235	830	15,323
Grand total	3,442,083	1,332,000	42,000	645,500	14,057	45,310	56,722	98,144	93,917	297,004	215,414	209,697	268,813	123,505	1,422,583



TABLE V. — Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1931, to June 30, 1932.

ACTUAL AGE.	Total Cases.	TOTAL MALES.				TOTAL FEMALES.					
		Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tem- porary Total Disa- bilities.
11	3	1	—	—	—	1	2	—	—	—	2
12	8	7	—	—	—	7	1	—	—	—	1
13	2	1	1	—	—	—	1	—	—	—	1
14	33	28	—	—	2	26	5	—	—	—	5
15	75	57	—	—	1	56	18	—	—	—	18
16	351	255	—	—	3	252	96	—	—	—	96
17	633	477	1	—	7	469	156	—	—	2	154
18	981	757	—	—	14	743	224	—	—	2	222
19	1,158	945	1	—	19	925	213	—	—	4	209
20	1,190	978	4	—	25	949	212	—	—	5	207
21	1,480	1,278	3	—	22	1,253	202	—	—	2	200
22	1,418	1,243	5	—	16	1,222	175	—	—	4	171
23	1,299	1,134	2	—	24	1,107	165	1	—	1	163
24	1,355	1,216	3	—	22	1,192	139	—	—	3	136
25	1,485	1,333	7	1	24	1,301	152	—	—	—	152
26	1,185	1,069	3	—	13	1,053	116	—	—	2	113
27	1,126	1,045	3	—	16	1,026	81	1	—	2	79
28	1,352	1,130	3	—	23	1,104	122	—	—	1	121
29	1,037	976	2	—	17	957	81	—	—	1	80
30	1,645	1,532	2	—	26	1,504	113	—	—	3	110
31	1,015	959	6	—	15	938	56	—	—	2	56
32	1,034	976	3	—	23	950	78	—	—	—	76
33	839	784	4	—	15	765	55	—	—	—	55
34	939	876	2	—	21	853	63	—	—	1	62
35	1,616	1,489	7	—	25	1,457	127	—	—	1	126
36	1,043	960	7	—	18	935	83	—	—	2	81
37	903	843	8	—	14	821	60	—	—	1	59
38	1,128	1,044	7	—	14	1,023	84	—	—	—	84
39	892	838	2	—	18	818	54	1	—	3	50
40	1,445	1,280	7	—	34	1,239	165	—	—	5	160
41	966	647	4	—	14	629	33	—	—	—	33
42	894	894	8	—	15	871	72	1	—	1	70
43	771	719	3	—	19	697	52	—	—	—	52
44	662	603	4	1	11	587	59	—	—	—	59
45	1,211	1,109	9	—	21	1,079	102	—	—	1	101
46	649	614	3	—	19	592	35	—	—	1	34
47	571	536	2	—	12	522	35	—	—	1	34
48	730	671	3	—	18	650	59	—	—	1	58

49	495	467	9	-	10	448	28	-	-	-	28	98
50	985	886	7	-	15	864	99	-	-	-	99	98
51	439	408	1	-	5	402	31	-	-	-	31	30
52	406	464	6	-	11	447	32	-	-	-	32	32
53	370	342	4	-	10	328	28	-	-	-	28	28
54	464	441	5	-	15	421	23	-	-	-	23	23
55	437	457	3	1	18	435	40	-	-	-	40	39
56	360	342	2	-	8	332	18	-	-	-	18	17
57	302	284	2	-	12	270	18	-	-	-	18	17
58	340	317	2	-	13	302	23	1	-	-	23	23
59	303	290	3	-	15	272	13	-	-	-	13	13
60	443	409	6	-	11	392	34	-	-	-	34	33
61	173	165	1	-	8	156	8	-	-	-	8	8
62	238	231	3	-	12	216	7	-	-	-	7	7
63	189	177	3	-	5	169	12	-	-	-	12	12
64	167	157	3	1	7	146	10	-	-	-	10	9
65	221	207	6	-	9	192	14	-	-	-	14	14
66	119	113	3	-	3	107	6	-	-	-	6	6
67	112	110	1	1	2	106	2	-	-	-	2	2
68	107	102	2	-	4	100	5	-	-	-	5	5
69	74	73	2	-	-	67	1	-	-	-	1	-
70	89	77	2	1	4	70	12	-	-	-	12	12
71	40	39	3	-	4	36	1	-	-	-	1	-
72	43	42	2	-	2	38	1	-	-	-	1	1
73	30	29	1	-	2	26	1	-	-	-	1	1
74	37	35	1	-	1	34	2	-	-	-	2	2
75	21	19	1	-	1	18	2	-	-	-	2	2
76	12	12	-	-	-	12	-	-	-	-	-	-
77	15	15	-	-	-	15	-	-	-	-	-	-
78	10	9	2	-	1	6	1	-	-	-	1	1
79	6	6	2	-	-	5	-	-	-	-	-	-
80	9	7	2	-	-	5	2	-	-	-	2	-
Over 80	11	11	-	1	1	9	-	-	-	-	-	-
Grand Total	42,067	38,047	216	7	804	37,020	4,020	6	-	60	3,954	





TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.														
	Under \$10	\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
<b>Printing and Bookbinding.</b>															
Printing and bookbinding establishments . . . . .	43	25	4	21	8	12	17	9	8	11	8	27	4	11	
	43	25	4	21	8	12	17	9	8	11	8	27	4	11	
<b>Textiles.</b>															
Carpet mills . . . . .	115	85	75	154	103	129	192	188	163	175	148	175	117	137	
Cotton mills . . . . .	3	4	—	3	5	1	6	3	7	7	4	3	3	2	
Dyeing and finishing textiles . . . . .	63	43	31	66	49	50	66	66	52	57	51	46	35	42	
Hemp and jute mills . . . . .	2	1	2	8	7	15	18	29	17	18	19	18	17	21	
Knitting mills . . . . .	11	8	—	—	3	—	—	1	1	1	3	3	3	—	
Linen mills . . . . .	—	8	10	21	4	6	17	6	5	9	4	8	5	4	
Print works . . . . .	—	—	10	2	1	—	—	—	5	—	—	1	1	1	
Rope and cordage factories, twine . . . . .	—	—	1	1	4	1	5	3	10	7	6	1	8	2	
Sail, awning and tent makers . . . . .	1	—	—	—	—	—	4	4	—	—	—	2	2	1	
Silk mills . . . . .	6	3	3	7	3	4	11	9	3	9	1	3	7	8	
Woolen mills, worsted mills . . . . .	19	18	16	30	20	35	51	52	50	57	52	61	37	42	
Not specified textile workers . . . . .	10	8	2	12	10	10	16	12	15	11	9	15	5	17	
<b>Miscellaneous Industries.</b>															
Broom and brush makers . . . . .	69	47	22	84	51	74	82	78	46	113	59	127	68	143	
Button makers . . . . .	—	2	—	—	1	—	1	5	1	—	—	2	—	—	
Cigars and cigarettes . . . . .	—	5	1	1	1	1	2	1	1	—	—	2	—	—	
Electric light and power companies . . . . .	—	1	1	1	1	—	4	1	2	2	2	2	5	13	
Electrical supplies, machinery, apparatus . . . . .	12	13	6	16	7	27	13	15	12	25	12	26	16	26	
Gas works . . . . .	—	—	—	1	—	—	—	—	—	1	7	3	9	19	
Oil works . . . . .	—	—	—	2	1	—	1	1	1	5	1	6	6	7	
Rubber factories . . . . .	22	11	8	26	21	28	26	32	12	41	24	46	15	48	
Straw factories . . . . .	1	—	1	4	—	—	2	2	—	2	—	1	2	1	
Gas and electric companies . . . . .	—	—	—	—	—	—	1	1	—	—	—	—	3	1	
Other miscellaneous industries . . . . .	34	15	6	31	18	18	32	21	17	32	13	39	12	26	
<b>Water Transportation.</b>															
Water transportation . . . . .	6	—	3	1	—	—	—	21	3	1	4	2	13	9	
	6	—	3	1	—	—	—	21	3	1	4	2	13	9	
<b>Road, Street and Bridge Transportation.</b>															
Construction of roads, streets, etc. . . . .	103	46	12	145	32	29	86	59	27	125	145	183	163	144	
Livery stables . . . . .	76	33	12	120	26	20	49	42	17	53	101	92	123	100	
Truck, transfer, cab and hack companies, garages . . . . .	21	13	—	20	3	6	34	11	6	63	12	74	28	32	
Street railways . . . . .	—	—	—	—	1	—	—	2	—	5	7	4	3	2	
Steam railroads . . . . .	5	—	—	4	3	3	3	4	4	3	25	12	8	9	
<b>Express Companies.</b>															
Express companies . . . . .	4	1	—	1	1	—	7	1	1	6	7	5	3	2	
	4	1	—	—	1	—	7	1	1	6	7	5	3	2	





TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.*

NUMBER OF TABULATABLE INJURIES.														
INDUSTRIES.	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	Total.
Agriculture, Forestry and Animal Husbandry.														
Agriculture . . . . .	15	71	63	10	31	17	3	41	5	5	—	3	51	635
Forestry . . . . .	12	45	44	6	16	9	2	15	2	3	—	2	25	402
Animal husbandry . . . . .	3	8	11	2	11	4	1	15	2	2	—	1	19	123
Ice harvesting . . . . .	—	4	3	1	3	—	—	8	1	—	—	—	5	39
Ice harvesting . . . . .	—	14	5	1	3	—	—	—	—	—	—	—	2	71
Extraction of Minerals.														
Quarrying . . . . .	3	6	12	4	12	21	—	20	3	1	—	1	41	173
Quarrying . . . . .	3	6	12	4	11	21	—	20	3	1	—	1	41	173
Building Trades.														
Hand trades . . . . .	35	372	273	77	236	148	19	514	46	187	85	46	1,807	4,911
Hand trades . . . . .	35	372	273	77	236	148	19	514	46	187	85	46	1,807	4,911
Chemical and Allied Products.														
Fertilizers . . . . .	10	16	26	12	17	11	4	8	8	5	6	—	53	325
Paints, varnish and japanning . . . . .	2	3	1	1	3	—	—	—	1	—	1	—	3	40
Powder, cartridges, fireworks, etc., makers . . . . .	3	4	5	3	2	3	1	2	2	1	—	—	7	51
Soap makers . . . . .	—	1	1	—	—	—	—	—	1	—	—	—	4	16
Other chemical workers . . . . .	2	2	9	2	4	3	1	—	3	1	2	—	7	65
Other chemical workers . . . . .	3	6	10	6	8	4	2	5	2	3	3	—	32	153
Clay, Glass and Stone Products.														
Brick makers . . . . .	4	32	23	9	23	14	2	54	5	11	8	5	131	437
Potteries . . . . .	—	9	3	—	1	2	—	3	2	2	—	—	5	62
Tile makers . . . . .	—	—	—	—	—	—	—	—	1	—	—	—	—	2
Glass makers . . . . .	2	1	—	1	—	—	—	4	3	—	1	1	7	25
Terra cotta workers . . . . .	—	—	—	—	—	1	—	—	1	1	1	2	19	41
Lime, cement and gypsum . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Marble and stone cutters . . . . .	1	13	12	3	12	5	1	14	—	2	1	1	8	102
Mica and isinglass . . . . .	1	9	8	5	10	6	1	29	2	6	5	1	91	200
Mica and isinglass . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	4
Clothing.														
Clothing makers . . . . .	9	8	34	3	6	3	4	17	1	4	6	3	64	505
Corset makers . . . . .	4	6	32	1	6	3	4	15	1	4	5	—	55	391
Glove makers . . . . .	—	—	—	1	—	—	—	—	—	—	—	—	1	18
Hat makers, wool or felt . . . . .	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Shirt, collar and cuff makers . . . . .	5	2	2	1	—	—	—	2	—	—	1	2	5	50
Shirt, collar and cuff makers . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	3	45
Food and Kindred Products.														
Bakeries, bread and other bakery products . . . . .	50	99	168	41	90	65	24	146	16	37	15	18	226	1,918
Butter and cheese makers . . . . .	12	26	56	14	28	21	5	61	5	15	4	5	100	598
Candy and confectionery . . . . .	3	4	8	2	4	4	1	11	—	4	3	2	9	72
Fish curers and packers . . . . .	3	12	14	5	7	4	3	5	2	4	2	2	14	247
Flour and grain mills . . . . .	3	4	26	1	11	5	2	16	1	2	1	1	22	157
Flour and grain mills . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Fruit and vegetable canners . . . . .	1	5	2	—	1	—	—	1	—	—	—	—	1	36

Slaughter and packing houses	12	31	46	10	29	20	7	23	6	6	6	2	1	42	522
Sugar makers and refiners	8	6	1	—	2	2	2	2	2	1	—	—	6	2	71
Other food preparers	8	11	14	9	8	9	4	23	—	5	—	4	1	36	213
<b>Iron and Steel and Their Products.</b>															
Agricultural implements	112	160	226	110	134	109	64	280	72	86	56	49	621	3,308	
Automobile factories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Car and railroad shops	2	4	21	8	9	6	2	78	2	6	4	7	117	313	
Foundries and metal working, tools	—	—	—	1	—	—	—	—	—	—	—	—	4	13	—
Manufacture of airplanes	29	47	63	30	49	27	18	68	28	31	14	25	107	1,003	
Ship and boat building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wagons and carriages	39	40	49	33	34	37	27	60	22	27	20	9	93	711	
Other iron and steel workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	42	69	93	38	42	38	17	73	20	22	18	8	240	1,262	3
<b>Leather and Its Finished Products.</b>															
Harness and saddle makers and repairers	56	87	211	47	68	50	10	161	8	32	11	10	267	2,509	
Leather belt, leather case, pocket-book makers	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Shoes	1	—	4	3	1	—	—	5	—	—	1	—	6	90	—
Tanneries	26	33	151	22	28	19	5	105	4	16	4	5	180	1,597	
Trunk makers	29	52	56	22	39	31	5	50	4	16	6	5	80	814	—
—	—	1	—	—	—	—	—	—	—	—	—	—	1	6	—
<b>Liquor and Beverages.</b>															
Breweries	3	10	11	1	2	4	1	11	—	18	—	2	20	134	—
Distilleries	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Other liquor and beverage workers	3	10	11	1	2	3	1	11	—	17	—	2	18	130	—
<b>Lumber and Its Re-manufacture.</b>															
Box makers (wood)	15	41	79	17	27	26	10	50	8	19	12	7	174	1,115	—
Furniture	1	5	6	3	3	2	1	4	—	—	2	—	7	115	—
Pianos and organs	6	7	37	7	9	12	4	26	2	9	3	2	79	438	—
Saw and planing mills	1	2	4	1	1	2	1	2	1	1	2	—	7	40	—
Other wood workers	1	10	11	1	1	2	1	4	2	2	2	—	12	114	—
—	6	17	25	2	13	8	3	14	3	7	3	5	69	408	—
<b>Metal and Metal Products Other than Iron and Steel.</b>															
Brass mills	6	19	32	11	20	13	7	22	6	6	7	4	51	425	—
Clock factories	2	3	6	—	—	3	—	3	—	1	2	—	9	52	—
Copper factories	—	—	—	—	—	1	1	1	—	—	—	—	—	—	—
Gold and silver factories	—	3	5	2	4	3	1	—	—	—	1	—	10	53	—
Jewelry factories	—	1	7	1	3	2	1	9	—	—	1	1	9	70	—
Lead and zinc factories	2	1	3	2	—	1	—	4	1	1	1	—	10	60	—
Tin plate factories	1	2	5	2	7	1	1	3	4	2	1	1	3	52	—
Watch factories	1	—	4	1	3	1	1	1	1	—	1	—	1	39	—
Copper and brass	—	—	—	—	—	—	—	—	—	—	—	—	1	19	—
Other metal workers	1	3	1	3	2	1	2	1	—	2	—	—	2	42	—
—	3	3	1	3	1	1	—	2	—	—	—	1	4	34	—
<b>Paper.</b>															
Box makers (paper)	38	59	55	34	41	34	16	43	17	17	15	14	129	1,082	—
Makers of blank books, envelopes, tags and labels, paper bags	5	4	10	4	6	4	1	2	2	—	2	1	22	189	—
Paper and pulp mills	4	5	3	3	3	6	4	9	5	9	1	1	9	129	—
Pulp mills	18	30	25	18	17	18	6	16	6	9	6	10	63	462	—
Other paper goods	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	11	19	17	8	15	6	5	16	4	6	6	1	35	296	—

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Concluded.*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.												Total.
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.
<b>Printing and Bookbinding.</b>													
Printing and bookbinding establishments . . . . .	14	8	30	10	14	14	4	29	4	7	3	6	612
<b>Textiles.</b>													
Carpet mills . . . . .	14	8	30	10	14	14	4	29	4	7	3	6	261
Cotton mills . . . . .	14	8	30	10	14	14	4	29	4	7	3	6	612
Dyeing and finishing textiles . . . . .	80	95	130	62	81	68	29	72	23	33	24	17	156
Hemp and jute mills . . . . .	31	26	28	19	14	21	11	7	3	6	7	3	3
Knitting mills . . . . .	6	11	8	9	9	5	4	7	2	3	5	1	25
Linen mills . . . . .	1	1	1	1	3	3	—	—	1	1	—	—	19
Print works . . . . .	1	1	4	2	2	3	—	3	1	2	—	1	279
Rope and cordage factories, twine . . . . .	3	3	—	—	1	1	—	—	—	—	—	—	20
Silk, awning and tent makers . . . . .	2	3	2	2	1	1	—	2	2	1	1	—	16
Sail, awning and tent makers . . . . .	2	2	2	2	1	1	—	—	—	—	—	—	154
Silk mills . . . . .	—	—	1	—	—	—	—	6	—	—	—	—	28
Woolen mills, worsted mills . . . . .	3	4	14	4	3	4	1	3	2	—	—	—	1
Not specified textile workers . . . . .	25	35	61	17	40	22	12	38	10	15	8	6	8
<b>Miscellaneous Industries.</b>													
Broom and brush makers . . . . .	60	149	203	72	131	102	53	168	48	73	60	25	454
Button makers . . . . .	—	—	2	—	—	1	—	—	—	1	—	—	2
Cigars and cigarettes . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	3
Electric light and power companies . . . . .	—	—	1	—	2	—	—	—	—	—	—	—	9
Electrical supplies, machinery, apparatus . . . . .	8	18	17	9	18	11	11	15	10	8	22	3	3
Gas works . . . . .	12	22	29	17	13	11	11	26	2	12	9	6	282
Oil works . . . . .	4	31	11	10	17	22	6	13	15	10	7	9	6
Rubber factories . . . . .	6	18	52	7	21	26	10	41	7	13	7	5	120
Straw factories . . . . .	12	29	37	19	37	8	3	25	7	12	4	1	525
Gas and electric companies . . . . .	—	—	1	—	1	—	—	—	—	—	—	—	246
Other miscellaneous industries . . . . .	1	16	9	1	4	7	7	11	1	8	4	1	35
<b>Water Transportation.</b>													
Water transportation . . . . .	17	15	44	9	18	17	5	37	6	9	7	—	28
<b>Road, Street and Bridge Transportation.</b>													
Construction of roads, streets, etc. . . . .	2	35	7	14	151	7	2	15	2	3	—	—	103
Livery stables . . . . .	2	35	7	14	151	7	2	15	2	3	—	—	54
Truck, transfer, cab and hack companies . . . . .	38	613	380	154	330	271	71	993	173	177	134	80	360
Street railways . . . . .	15	498	130	116	166	177	38	569	116	45	77	22	1,210
Steam railroads . . . . .	3	1	2	1	1	—	—	1	—	—	—	—	5,923
<b>Express Companies.</b>													
Express companies . . . . .	11	87	207	25	139	48	10	396	23	93	27	34	1,787
	1	10	13	5	15	38	16	21	27	24	22	15	364
	8	17	28	7	9	8	7	6	7	15	7	9	238
	1	10	17	7	12	9	6	45	27	12	29	38	469
	1	10	17	7	12	9	6	45	27	12	29	38	389
	1	10	17	7	12	9	6	45	27	12	29	38	316
	1	10	17	7	12	9	6	45	27	12	29	38	316



TABLE VII. — Location of Injuries, by Nature of Injury, Total Tabulatable Injuries, July 1, 1931, to June 30, 1932.

LOCATION OF INJURY.	NATURE OF INJURY.									
	Bruises, Contusions and Abrasions.	Burns and Scalds.	Concussions.	Cuts, Punctures and Lacerations.	Dislocations.	Fractures.	Sprains and Strains.	All Other.	Amputations and Loss of Use.	Shocks (Electrical).
<b>Head.</b>										
Brain . . . . .	367	181	55	809	—	80	3	781	68	—
Eye . . . . .	157	—	55	—	—	—	—	—	—	—
Both eyes . . . . .	3	46	—	350	—	—	—	580	68	—
Internal ear . . . . .	—	—	—	—	—	—	—	82	—	—
Internal ear . . . . .	—	—	—	—	—	—	—	4	—	—
External ear or ears . . . . .	5	1	—	15	—	—	—	4	—	—
Skull . . . . .	—	—	—	—	—	80	—	8	—	—
Scalp . . . . .	45	3	—	316	—	—	—	—	—	—
Head, general . . . . .	125	3	—	122	—	—	—	4	—	—
Head and shoulders . . . . .	32	10	—	4	—	—	3	92	—	—
<b>Face and Neck.</b>										
Forehead . . . . .	176	272	—	470	—	70	49	92	—	—
Eyelids . . . . .	32	2	—	166	—	—	—	3	—	—
Nose . . . . .	3	12	—	20	—	—	—	—	—	—
Cheek . . . . .	34	1	—	42	—	47	—	11	—	—
Upper jaw . . . . .	9	2	—	24	—	—	—	3	—	—
Lower jaw . . . . .	—	—	—	—	—	10	—	—	—	—
Teeth . . . . .	—	—	—	—	—	13	—	—	—	—
Tongue . . . . .	—	—	—	—	—	—	—	24	—	—
Lips and chin . . . . .	12	—	—	2	—	—	—	1	—	—
Face, general . . . . .	57	100	—	74	—	—	—	8	—	—
Neck . . . . .	14	4	—	117	—	—	49	22	—	—
Throat . . . . .	—	1	—	11	—	—	—	9	—	—
Face and hands or arms . . . . .	15	149	—	13	—	—	—	7	—	—
<b>Trunk.</b>										
Spinal cord . . . . .	1,084	35	—	65	11	484	6,721	650	—	—
Vertebrae . . . . .	—	—	—	—	6	70	—	3	—	—
Back . . . . .	421	11	—	9	—	—	4,483	303	—	—
Sternum . . . . .	—	—	—	—	—	3	—	—	—	—
Ribs . . . . .	—	—	—	—	1	367	—	—	—	—
Thorax . . . . .	215	6	—	10	—	—	117	58	—	—
Abdomen . . . . .	62	6	—	12	—	—	190	61	—	—
Groin . . . . .	39	—	—	3	—	—	145	30	—	—
Sacrum or coccyx . . . . .	—	—	—	—	2	4	—	—	—	—
Pelvis . . . . .	—	—	—	—	1	39	—	—	—	—
										18
										2,362
										55
										8
										1,281
										141
										4
										4
										29
										80
										368
										344
										50
										102
										1,231
										203
										36
										135
										39
										1
										10
										13
										24
										3
										95
										319
										88
										11
										75
										255
										12
										9,062
										3
										70
										5,228
										3
										368
										408
										340
										217
										6
										40

Anus, perineum or rectum	1	847	8,550	125	1,333	1,552	1,079	677	441	17,041
External generative organs	34	—	—	1	18	—	—	—	—	11
Side or sides	292	—	—	2	53	—	—	—	—	92
Hernia	—	8	14	66	17	—	—	—	—	1,005
Sacro iliac joint	—	—	—	—	—	551	—	—	—	1,132
Buttocks	20	3	11	—	1	1,142	—	—	—	6
	—	—	—	—	—	77	4	—	—	85
	—	—	—	—	—	—	—	—	—	35
<b>Upper Extremities.</b>										
Scapula	2,437	—	—	—	—	—	—	—	—	—
Clavicle	—	—	—	—	—	—	—	—	—	—
Shoulder joint	—	—	—	—	—	—	—	—	—	—
Shoulder	189	5	21	—	—	490	129	—	—	55
Both shoulders	6	2	—	—	—	8	—	—	—	83
Humerus	—	—	—	—	—	—	—	—	—	834
Upper arm	12	3	—	—	—	9	6	—	—	19
Elbow	192	8	82	—	—	42	69	—	—	24
Olecranon	—	—	—	11	47	—	—	—	—	42
Radius	—	—	—	1	78	—	—	—	—	395
Ulna	—	—	—	2	16	—	—	—	—	58
Radius and ulna	—	—	—	—	110	—	—	—	—	79
Forearm	61	—	—	—	—	—	—	—	—	18
Wrist	73	54	177	—	—	29	18	—	—	110
Both wrists	2	35	250	—	—	477	89	1	7	347
Carpus	2	4	2	—	1	3	2	—	5	926
Arm, general	156	120	308	8	262	182	120	—	—	270
Both arms, or one hand and one arm	25	85	34	—	—	—	—	4	18	908
Arm and leg	77	22	20	—	5	6	18	—	99	275
Hand, general	411	242	1,437	—	3	25	30	—	17	194
Both hands	17	69	34	—	—	134	162	12	49	2,447
Hand and foot	9	—	—	—	—	—	19	1	191	331
Palm	27	14	5	—	—	—	4	—	2	28
Back of hand	93	20	445	—	—	—	62	—	2	550
One metacarpal	—	—	248	—	—	5	15	—	2	383
Two or more metacarpals	—	—	—	6	109	—	—	—	—	115
Thumb	238	20	1,381	1	7	—	—	—	—	8
Index finger	237	22	1,451	16	120	85	78	76	6	2,020
Middle finger	228	13	909	3	102	10	56	182	4	2,067
Ring finger	107	9	480	1	108	17	63	145	4	1,488
Little finger	98	6	492	2	92	9	42	65	6	812
Thumb and one finger	9	11	62	2	104	6	29	87	2	826
Thumb and two or more fingers	3	5	11	—	—	2	1	8	3	96
Two fingers	71	22	305	1	33	5	14	5	3	31
Three fingers	20	16	92	—	9	—	—	58	3	512
Four fingers	13	20	36	—	2	2	7	22	4	172
One finger, not specified	60	5	243	2	10	2	8	9	2	90
Index finger on each hand	1	—	—	—	—	—	28	—	2	352
Two or more fingers on both hands	2	5	1	—	—	—	—	—	5	2
Both thumbs	1	—	4	—	—	—	4	2	—	22
One finger on each hand	1	1	6	—	—	1	1	—	1	9
	—	—	2	—	—	—	—	—	—	5



TABLE VII. — Location of Injury by Nature of Injury, Total Tabulatable Injuries, etc. — Concluded.

LOCATION OF INJURY.	NATURE OF INJURY.											
	Bruises, Contusions and Abrasions.	Burns and Scalds.	Concussions.	Cuts, Punctures and Lacerations.	Dislocations.	Fractures.	Sprains and Strains.	All Other.	Amputations and Loss of Use.	Shocks (Electrical).	Occupational.	Total.
Lower Extremities.	3,523	282	—	2,251	43	1,410	2,650	941	30	—	27	11,157
Hip joint . . . . .	—	—	—	—	6	23	—	—	—	—	—	29
Femur . . . . .	—	—	—	—	—	29	—	—	—	—	—	29
Hip . . . . .	139	3	—	12	—	—	85	35	—	—	—	274
Both hips . . . . .	5	—	—	—	—	—	—	3	—	—	—	8
Upper leg . . . . .	71	2	—	76	—	—	25	11	—	—	—	185
Patella . . . . .	—	—	—	—	24	54	—	—	—	—	—	78
Knee . . . . .	515	2	—	172	—	—	512	329	—	—	—	1,530
Metatarsals . . . . .	—	—	—	—	7	294	—	—	—	—	—	301
Both knees . . . . .	—	—	—	6	—	1	4	10	—	—	—	48
Tibia . . . . .	27	—	—	—	—	34	—	—	—	—	—	34
Fibula . . . . .	—	—	—	—	—	47	—	—	—	—	—	47
Tibia and fibula . . . . .	—	—	—	—	—	149	—	—	—	—	—	149
Lower leg . . . . .	320	18	—	196	—	—	47	46	1	—	1	629
Leg, general . . . . .	427	41	—	223	—	1	253	132	8	—	1	1,086
Both legs or one leg and one foot . . . . .	75	31	—	15	—	10	12	19	1	—	13	176
Ankle . . . . .	220	21	—	91	—	—	1,394	78	—	—	—	1,804
Tarsus . . . . .	—	—	—	—	2	156	—	—	—	—	—	158
Both ankles . . . . .	5	1	—	1	—	1	8	1	—	—	1	18
Instep . . . . .	115	10	—	36	—	—	31	6	—	—	—	198
Heel . . . . .	63	1	—	39	—	—	10	12	—	—	2	127
Oscalsis . . . . .	—	—	—	—	—	44	—	—	—	—	—	44
Both heels . . . . .	6	—	—	—	—	1	2	2	—	—	—	11
Foot . . . . .	800	123	—	1,153	—	—	240	168	2	—	4	2,490
Both feet . . . . .	15	21	—	1	—	1	10	11	—	—	5	64
Great toe . . . . .	439	3	—	146	1	344	10	44	4	—	—	991
Lesser toe . . . . .	78	2	—	35	1	99	3	13	8	—	—	239
One toe not specified . . . . .	77	—	—	24	1	51	4	6	—	—	—	163
Great toe and lesser toe or toes . . . . .	56	—	—	6	—	26	—	6	5	—	—	99
Two or more lesser toes . . . . .	—	—	—	—	1	44	—	9	—	—	—	147
Two great toes and lesser toe or toes . . . . .	70	3	—	19	—	1	—	—	1	—	—	—
Body.	260	53	—	37	—	—	46	449	—	21	348	1,214
Body, general . . . . .	260	53	—	37	—	—	46	417	—	21	157	991
Constitutional . . . . .	—	—	—	—	—	—	—	32	—	—	191	223
Total . . . . .	7,847	1,670	55	12,182	179	3,377	11,021	3,992	775	21	948	42,067

P.D. 105

P.D. 105

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	Total Deaths.	Per- manent Disa- bilities.	Partial Disa- bilities.	NUMBER OF CASES.											Over 52 1 Total.	
				TEMPORARY DISABILITIES.												
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 Weeks.	1 Year.		
BRUISES, CONTUSIONS AND ABRASIONS.—Con.																
Upper Extremities.—Con.																
Hand, general . . . . .	411	1	—	76	87	62	66	39	52	18	8	1	1	410		
Both hands . . . . .	17	—	—	4	2	3	2	1	3	1	1	—	—	17		
Hand and foot . . . . .	7	—	—	3	2	—	—	1	1	—	—	—	—	7		
Palm . . . . .	27	—	—	5	10	2	—	2	3	—	—	1	—	27		
Back of hand . . . . .	93	—	—	20	14	7	15	11	19	4	3	—	—	93		
Thumb . . . . .	238	—	—	53	54	32	37	15	29	11	2	5	—	238		
Index finger . . . . .	237	—	—	40	48	26	37	31	42	9	3	1	—	237		
Middle finger . . . . .	228	—	—	45	51	27	26	25	40	8	3	2	—	228		
Ring finger . . . . .	107	—	—	17	17	11	18	12	22	6	4	—	—	107		
Little finger . . . . .	98	—	—	20	17	6	20	13	17	2	3	—	—	98		
Thumb and one finger . . . . .	9	—	—	1	1	1	2	1	2	1	1	—	—	9		
Thumb and two or more fingers . . . . .	3	—	—	—	—	—	—	—	—	—	—	—	—	3		
Two fingers . . . . .	71	—	—	12	15	10	11	6	12	4	1	—	—	71		
Three fingers . . . . .	20	—	—	6	3	4	2	2	1	1	—	—	—	20		
Four fingers . . . . .	13	—	—	2	4	—	3	—	3	1	—	—	—	13		
One finger, not specified . . . . .	60	—	—	18	19	7	4	4	4	2	1	—	—	60		
Index finger on each hand . . . . .	1	—	—	—	1	—	—	—	—	—	—	—	—	1		
Two or more fingers on both hands . . . . .	2	—	—	—	—	1	—	—	1	—	—	—	—	2		
Both thumbs . . . . .	1	—	—	—	—	—	—	1	—	—	—	—	—	1		
One finger on each hand . . . . .	1	—	—	—	—	—	1	—	—	—	—	—	—	1		
Lower Extremities.																
Hip . . . . .	3,523	4	—	572	827	485	450	316	581	163	88	25	11	3,518		
Both hips . . . . .	139	1	—	21	38	21	13	12	24	5	2	2	—	138		
Upper leg . . . . .	5	—	—	—	—	2	—	2	1	—	—	—	—	5		
Knee . . . . .	71	—	—	16	10	8	8	7	9	5	6	1	1	71		
Both knees . . . . .	515	—	—	77	111	75	62	51	83	35	18	1	2	515		
Lower leg . . . . .	27	—	—	2	10	4	4	2	3	1	—	—	—	27		
Leg, general . . . . .	320	—	1	37	61	33	44	43	59	20	14	6	2	319		
Both legs . . . . .	427	—	—	69	93	45	53	43	85	19	15	5	—	427		
Ankle . . . . .	75	—	—	4	16	6	8	9	20	7	4	—	—	75		
Both ankles . . . . .	220	1	—	40	63	25	21	15	36	10	9	—	1	219		
Both heels . . . . .	5	—	—	—	2	2	2	—	—	—	—	—	—	5		
Foot . . . . .	800	1	—	144	192	126	102	53	129	30	13	7	3	799		
Both feet . . . . .	15	—	—	—	4	2	2	1	2	2	2	—	—	15		
Great toe . . . . .	439	1	—	71	105	64	73	39	66	17	1	1	1	438		
Lesser toe . . . . .	78	—	—	18	19	16	9	4	10	2	2	—	—	78		
One toe, not specified . . . . .	77	—	—	18	30	7	8	8	7	1	2	—	—	77		
Great toe and lesser toes or toe . . . . .	56	—	—	4	12	6	12	9	8	4	1	—	—	56		
Two or more lesser toes . . . . .	70	—	—	11	18	12	9	3	17	—	—	—	—	70		





## CUTS, PUNCTURES AND LACERATIONS, 12,182

	19	3	2,293	2,714	1,757	1,778	1,079	1,743	452	211	109	24	12,160
Head,	1	1	195	235	109	79	37	78	36	20	14	4	807
Eye . . . . .	-	-	106	102	47	47	15	27	15	7	1	-	350
Both eyes . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	2
External ear . . . . .	-	-	1	6	4	2	-	1	1	-	-	-	15
Scalp . . . . .	-	-	62	88	41	37	13	36	14	10	10	4	315
Head, general . . . . .	-	-	25	38	17	10	9	13	5	2	2	-	121
Head and shoulders . . . . .	-	-	-	-	-	-	-	1	1	1	1	-	4
Face and Neck,			140	117	79	45	28	41	11	6	2	1	470
Forehead . . . . .	-	-	60	37	23	15	8	14	8	1	-	-	166
Eyelids . . . . .	-	-	10	4	3	3	-	-	-	-	-	-	20
Nose . . . . .	-	-	14	10	4	3	2	6	1	1	1	-	42
Cheek . . . . .	-	-	8	8	-	2	2	3	-	-	-	1	24
Tongue . . . . .	-	-	2	-	-	-	-	-	-	-	-	-	2
Lips and chin . . . . .	-	-	25	24	14	4	2	3	1	1	-	-	74
Face, general . . . . .	-	-	18	27	30	15	8	15	-	3	1	-	117
Neck . . . . .	-	-	2	2	1	2	4	-	-	-	-	-	11
Throat . . . . .	-	-	-	-	3	1	-	-	-	-	-	-	1
Face and hands of arms . . . . .	-	-	1	5	3	1	2	-	1	-	-	-	13
Trunk,			14	11	5	13	11	6	1	1	1	-	63
Back . . . . .	-	-	3	2	-	1	1	2	-	-	-	-	9
Thorax . . . . .	-	-	3	4	2	3	3	-	-	-	1	-	9
Abdomen . . . . .	-	-	1	4	2	2	3	-	-	-	-	-	12
Groin . . . . .	-	-	1	-	-	1	-	-	-	-	-	-	2
Arms, perineum or rectum . . . . .	-	-	1	2	-	-	-	1	-	-	-	-	4
External generative organs . . . . .	-	-	-	-	1	-	-	-	1	-	-	-	2
Side or sides . . . . .	-	-	2	3	-	4	5	-	-	-	-	-	14
Buttocks . . . . .	-	-	3	-	1	2	1	3	-	1	-	-	11
Upper Extremities,			1,459	1,777	1,234	1,318	841	1,336	331	155	72	14	8,537
Shoulder . . . . .	-	-	5	4	3	3	1	3	2	-	-	-	21
Upper arm . . . . .	-	-	1	1	3	3	-	-	-	-	-	-	12
Elbow . . . . .	-	-	15	11	15	14	14	8	5	-	-	-	82
Forearm . . . . .	-	-	30	36	35	29	17	19	4	3	2	2	177
Wrist . . . . .	-	-	54	67	34	37	19	26	6	3	2	2	250
Both Wrists . . . . .	-	-	-	-	-	1	-	-	-	-	-	-	2
Arm, general . . . . .	-	-	59	68	51	48	36	30	7	4	3	2	308
Both arms, or one hand and one arm . . . . .	-	-	3	7	8	3	-	8	3	4	1	1	34
Arm and leg . . . . .	-	-	2	6	3	2	-	4	1	2	-	-	20
Hand, general . . . . .	-	-	257	315	239	247	129	176	40	18	11	3	1,435
Both hands . . . . .	-	-	2	6	7	3	1	9	1	4	1	-	34
Hand and foot . . . . .	-	-	-	-	-	1	-	-	-	-	-	-	5
Palm . . . . .	-	-	87	108	68	80	38	43	11	6	4	-	445
Back of hand . . . . .	-	-	27	55	38	42	24	41	14	3	4	-	248
Thumb . . . . .	-	-	247	288	174	211	130	223	64	29	12	1	1,379
Index finger . . . . .	-	-	221	307	215	215	144	248	52	20	11	1	1,446
Middle finger . . . . .	-	-	147	181	118	133	113	175	52	11	6	1	907
Ring finger . . . . .	-	-	88	90	60	67	62	74	19	15	5	1	480
Little finger . . . . .	-	-	99	112	69	74	37	72	19	5	3	1	491
Thumb and one finger . . . . .	-	-	11	9	8	14	5	9	4	2	-	-	62
Thumb and two fingers . . . . .	-	-	3	1	2	-	2	3	-	-	-	-	11



TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Per- manent Total Dis- abilities.	NUMBER OF CASES.										
		Total. Deaths.	TEMPORARY DISABILITIES.									
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.
<b>CUTS, PUNCTURES AND LACERATIONS.—Con.</b>												
Upper Extremities.—Con.												
Two fingers . . . . .	305	34	53	41	44	33	83	6	8	3	305	
Three fingers . . . . .	92	3	15	7	9	12	28	10	4	4	92	
Four fingers . . . . .	36	4	3	1	6	5	8	6	3	—	36	
One finger, not specified . . . . .	243	59	56	33	30	16	42	4	2	—	243	
Index finger on each hand . . . . .	1	—	—	—	—	1	—	—	—	—	1	
Two or more fingers on both hands . . . . .	4	—	1	—	—	—	1	2	—	—	4	
Both thumbs . . . . .	6	—	—	—	1	1	1	2	—	—	6	
One finger on each hand . . . . .	2	—	—	—	—	1	1	—	—	—	2	
<b>Lower Extremities.</b>												
Hip . . . . .	2,251	483	564	325	318	159	275	71	27	20	5	2,247
Upper leg . . . . .	12	4	2	—	2	1	2	1	1	—	12	
Knee . . . . .	76	14	16	14	12	8	7	2	2	2	76	
Both knees . . . . .	172	35	33	27	26	15	21	8	2	3	172	
Lower leg . . . . .	6	3	1	—	—	—	—	—	—	—	6	
Leg, general . . . . .	196	25	36	26	37	20	30	15	5	2	196	
Both legs . . . . .	223	43	62	26	24	16	38	6	3	4	1	223
Ankle . . . . .	15	2	—	5	12	1	2	1	1	—	13	
Both ankles . . . . .	91	16	16	13	16	8	13	8	1	1	91	
Instep . . . . .	1	—	—	—	—	—	—	—	—	—	1	
Heel . . . . .	36	11	8	5	—	2	7	3	1	—	36	
Foot . . . . .	39	10	6	5	8	3	4	2	1	—	39	
Both feet . . . . .	1,133	286	341	168	150	65	105	21	7	6	2	1,151
Great toe . . . . .	1	—	—	—	—	—	1	—	—	—	1	
Lesser toe . . . . .	146	16	33	27	26	15	24	2	2	1	146	
One toe, not specified . . . . .	35	8	6	1	9	2	7	1	1	—	35	
Great toe and lesser toes or toe . . . . .	24	7	2	5	4	1	4	1	1	—	24	
Two or more lesser toes . . . . .	16	1	—	—	—	—	4	—	—	—	6	
Body.	19	3	2	3	2	2	6	—	1	—	19	
Body, general . . . . .	37	2	10	5	5	3	7	2	2	—	36	
	37	2	10	5	5	3	7	—	—	—	36	
<b>DISLOCATIONS.</b>												
Trunk.												
Vertebrae . . . . .	179	8	15	9	16	18	59	21	16	14	3	179
Sacro-iliac joint . . . . .	11	1	2	1	—	1	3	2	—	1	11	
Ribs . . . . .	6	1	1	1	—	—	2	1	—	—	6	
	1	—	1	—	—	—	1	—	—	—	1	





Great toe . . . . .	844	-	-	-	5	995	2,208	1,229	1,288	949	2,147	1,203	590	320	74	11,003
Lesser toe . . . . .	99	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3
One toe, not specified . . . . .	51	-	-	-	-	-	3	-	-	-	-	-	-	-	-	3
Great toe and lesser toes or toe . . . . .	26	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Two or more lesser toes . . . . .	44	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Two great toes and lesser toes or toe . . . . .	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPRAINS AND STRAINS.																
Head.																
Head and shoulders . . . . .	11,021	13	-	5	995	2,208	1,229	1,288	949	2,147	1,203	590	320	74	11,003	
	3	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3
	3	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3
Face and Neck																
Neck . . . . .	49	-	-	-	-	11	16	4	9	1	6	-	2	-	-	49
	49	-	-	-	-	11	16	4	9	1	6	-	2	-	-	49
Trunk.																
Back . . . . .	6,721	12	-	2	2	465	1,072	651	723	576	1,451	996	463	254	56	6,707
Thorax . . . . .	4,483	2	-	2	2	326	812	527	585	453	964	305	252	210	45	4,479
Abdomen . . . . .	117	-	-	-	-	19	34	11	8	10	25	5	1	2	2	117
Groin . . . . .	190	1	-	-	-	25	45	24	24	21	22	15	11	2	-	189
Anus, perineum or rectum . . . . .	145	-	-	-	-	13	31	13	20	15	25	21	6	-	1	145
External generative organs . . . . .	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Hernia . . . . .	15	-	-	-	-	4	4	2	1	1	3	3	1	-	-	15
Side or sides . . . . .	1,142	9	-	6	-	8	11	62	67	49	302	579	170	31	6	1,133
Sacro-iliac joint . . . . .	551	-	-	-	-	71	132	8	49	91	19	57	15	7	-	551
	77	-	-	-	-	3	3	8	12	19	11	7	2	2	-	77
Upper Extremities.																
Shoulder . . . . .	1,552	-	-	2	2	179	404	191	208	161	273	58	50	22	4	1,550
Both shoulders . . . . .	490	-	-	2	2	55	105	57	65	63	95	17	21	7	3	488
Upper arm . . . . .	8	-	-	-	-	1	3	2	1	1	2	1	1	1	-	8
Elbow . . . . .	9	-	-	-	-	1	3	2	1	1	2	-	-	-	-	9
Forearm . . . . .	42	-	-	-	-	1	9	8	6	7	9	-	2	1	-	42
Wrist . . . . .	29	-	-	-	-	-	9	6	3	2	7	-	1	-	-	29
Both wrists . . . . .	477	-	-	-	-	57	130	62	62	44	84	24	6	8	-	477
Arm, general . . . . .	3	-	-	1	-	-	1	1	1	-	-	-	-	-	-	3
Both arms, or one hand and one arm .	182	-	-	-	-	15	46	22	24	17	35	7	13	3	-	182
Arm and leg . . . . .	9	-	-	-	-	3	5	-	1	9	-	-	-	-	-	9
Hand, general . . . . .	25	-	-	-	-	3	8	2	4	2	4	1	1	1	-	25
Back of hand . . . . .	134	-	-	-	-	17	38	13	22	12	25	4	3	-	-	134
Thumb . . . . .	5	-	-	-	-	1	1	7	1	5	8	2	2	1	1	5
Index finger . . . . .	85	-	-	-	-	15	32	7	12	5	10	2	1	-	-	85
Middle finger . . . . .	10	-	-	-	-	2	2	1	3	1	2	1	-	-	-	10
Ring finger . . . . .	17	-	-	-	-	5	3	3	1	3	1	-	-	-	-	17
Little finger . . . . .	9	-	-	-	-	2	5	3	1	2	-	-	-	-	-	9
Thumb and one finger . . . . .	6	-	-	-	-	2	2	-	1	1	-	-	1	-	-	6
Two fingers . . . . .	2	-	-	-	-	1	1	-	2	1	-	-	-	-	-	2
Three fingers . . . . .	5	-	-	-	-	1	2	-	-	1	-	-	-	-	-	5
One finger, not specified . . . . .	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	2
Both Thumbs . . . . .	1	-	-	-	-	1	-	1	-	-	-	1	-	-	-	1

### Upper Extremities.

Upper Extremities.		
Shoulder . . . . .	1,552	.
Both shoulders . . . . .	496	.
Upper arm . . . . .	8	.
Elbow . . . . .	9	.
Forearm . . . . .	42	.
Wrist . . . . .	29	.
Both wrists . . . . .	477	.
Arm, general . . . . .	3	.
Both arms, or one hand and one arm . . . . .	182	.
Arm and leg . . . . .	9	.
Hand, general . . . . .	25	.
Back of hand . . . . .	134	.
Thumb . . . . .	2	.
Index finger . . . . .	85	.
Middle finger . . . . .	10	.
Ring finger . . . . .	17	.
Little finger . . . . .	9	.
Thumb and one finger . . . . .	6	.
Two fingers . . . . .	2	.
Three fingers . . . . .	5	.
One finger, not specified . . . . .	2	.
Both Thumbs . . . . .	1	.







TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc.* — Continued.

LOCATION AND NATURE OF INJURY.	NUMBER OF CASES.									
	TEMPORARY DISABILITIES.									
	1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 52 Weeks.
Total Deaths.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	Total.
<b>ALL OTHER.—Con.</b>										
<b>Lower Extremities.—Con.</b>										
Both hips . . . . .	3	—	—	—	—	—	—	—	—	3
Upper leg . . . . .	11	—	—	—	—	—	—	—	—	11
Knee . . . . .	329	—	—	—	—	—	—	—	—	329
Both knees . . . . .	10	—	—	—	—	—	—	—	—	10
Lower leg . . . . .	46	—	—	—	—	—	—	—	—	46
Leg, general . . . . .	132	—	—	—	—	—	—	—	—	132
Both legs . . . . .	19	—	—	—	—	—	—	—	—	19
Ankle . . . . .	78	—	—	—	—	—	—	—	—	78
Both ankles . . . . .	1	—	—	—	—	—	—	—	—	1
Heel . . . . .	12	—	—	—	—	—	—	—	—	12
Both heels . . . . .	2	—	—	—	—	—	—	—	—	2
Foot . . . . .	168	—	—	—	—	—	—	—	—	168
Both feet . . . . .	11	—	—	—	—	—	—	—	—	11
Great toe . . . . .	44	—	—	—	—	—	—	—	—	44
Lesser toe . . . . .	13	—	—	—	—	—	—	—	—	13
One toe, not specified . . . . .	6	—	—	—	—	—	—	—	—	6
Great toe and lesser toes or toe instep . . . . .	6	—	—	—	—	—	—	—	—	6
Two or more lesser toes . . . . .	9	—	—	—	—	—	—	—	—	9
<b>Body.</b>										
Body, general . . . . .	449	56	1	1	—	—	—	—	—	391
Constitutional . . . . .	417	52	1	1	—	—	—	—	—	363
	32	4	—	—	—	—	—	—	—	28
<b>AMPUTATIONS.</b>										
<b>Head.</b>										
Eye . . . . .	775	1	3	771	—	—	—	—	—	—
	68	—	1	67	—	—	—	—	—	—
	68	—	1	67	—	—	—	—	—	—
<b>Upper Extremities.</b>										
Forearm . . . . .	677	1	1	675	—	—	—	—	—	—
Arm, general . . . . .	4	—	—	4	—	—	—	—	—	—
Hand, general . . . . .	12	—	—	12	—	—	—	—	—	—
Both hands . . . . .	1	—	—	1	—	—	—	—	—	—
Thumb . . . . .	76	—	—	76	—	—	—	—	—	—



TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Concluded.*

LOCATION AND NATURE OF INJURY.	Total, Deaths.	Per- manent Total Disa- bilities.	NUMBER OF CASES.											Over 1 Year.
			TEMPORARY DISABILITIES.											
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 Weeks.		
OCCUPATIONAL.—Con.														
Upper Extremities.—Con.														
Both arms, or one hand and one arm . . . . .	99	—	3	13	11	16	11	24	11	1	8	1	99	
Arm and leg . . . . .	17	—	2	3	3	3	4	2	—	—	—	—	17	
Hand, general . . . . .	49	—	3	2	7	7	8	8	8	2	4	—	49	
Both hands . . . . .	191	—	8	21	19	12	25	52	21	17	16	—	191	
Hand and foot . . . . .	2	—	—	—	1	—	—	—	1	—	—	—	2	
Palm . . . . .	2	—	—	—	—	—	—	—	—	—	—	—	2	
Back of hand . . . . .	2	—	—	—	—	—	—	2	—	—	—	—	2	
Thumb . . . . .	6	—	1	4	—	1	—	—	—	—	—	—	6	
Index finger . . . . .	4	—	—	—	—	1	1	1	—	—	—	—	4	
Middle finger . . . . .	4	—	—	2	1	1	—	—	—	—	—	—	4	
Ring finger . . . . .	6	—	1	2	1	1	—	1	—	—	1	—	6	
Little finger . . . . .	2	—	—	—	1	—	—	—	—	—	—	—	2	
Thumb and one finger . . . . .	3	—	—	1	—	—	—	—	1	—	—	—	3	
Thumb and two fingers . . . . .	3	—	—	—	—	—	1	1	1	—	—	—	3	
Two fingers . . . . .	3	—	1	—	—	—	—	—	1	1	—	—	3	
Three fingers . . . . .	4	—	—	—	—	1	1	—	—	—	1	—	4	
Four fingers . . . . .	2	—	—	—	—	—	1	—	1	—	—	—	2	
One finger, not specified . . . . .	2	—	—	—	—	—	2	—	—	—	—	—	2	
Two or more fingers on both hands . . . . .	5	—	—	1	1	1	1	2	—	—	—	—	5	
One finger on each hand . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	1	
Lower Extremities.														
Both ankles . . . . .	27	—	5	2	4	7	2	5	1	1	—	—	27	
Heel . . . . .	1	—	—	—	—	—	1	—	—	—	—	—	1	
Lower leg . . . . .	2	—	1	—	—	—	—	1	—	—	—	—	2	
Leg, general . . . . .	1	—	—	—	1	—	—	—	—	—	—	—	1	
Both legs . . . . .	13	—	2	1	2	4	1	3	1	—	—	—	13	
Foot . . . . .	4	—	1	1	1	1	—	1	—	—	—	—	4	
Both feet . . . . .	5	—	1	1	—	2	—	—	—	1	—	—	5	
Body.														
Body, general . . . . .	348	13	31	68	38	31	37	39	26	20	15	11	316	
Constitutional . . . . .	157	—	10	29	23	23	28	26	11	5	1	—	156	
	191	13	21	39	15	8	9	13	15	15	14	11	160	
Grand Total . . . . .	42,067	222	7	864	4,914	5,194	3,701	7,503	3,001	1,677	1,047	286	40,974	

TABLE IX. — *Cases of Infection, by Nature of Injury, July 1, 1931, to June 30, 1932.*

NATURE OF INJURY.	Total.	Fatals.	Permanent	Permanent	Temporary
			Total Disabilities.	Partial Disabilities.	Total Disabilities.
Abrasions, contusions and bruises . . . . .	657	5	—	—	652
Burns . . . . .	112	—	—	—	112
Cuts, punctures and lacerations . . . . .	2,749	11	—	1	2,737
Fractures . . . . .	10	3	—	2	5
Sprains and strains . . . . .	1	—	—	—	1
All other . . . . .	539	1	—	—	538
Amputations . . . . .	36	1	1	34	—
<b>Grand total . . . . .</b>	<b>4,104</b>	<b>21</b>	<b>1</b>	<b>37</b>	<b>4,045</b>



CHEMICAL PRODUCTS MACHINES. <i>Paints, Varnishes, Dry Colors, Inks and Dyes</i>	3	-	-	-	1	2	-	-	135	-	-	96	39	-
	2	-	-	-	-	2	-	-	39	-	-	-	39	-
	1	-	-	-	1	-	-	-	96	-	-	96	-	-
Machinery of recovery, such as screens, sifters, filters.	5	-	-	2	-	-	1	2	2,125	-	-	-	-	13
	3	-	-	2	-	-	1	2	25	-	-	-	-	13
	2	-	-	2	-	-	-	-	2,100	-	-	-	-	-
<i>Soaps, Greases, Oils and Fertilizers.</i>	6	-	-	-	4	-	-	2	137	-	-	124	-	13
	3	-	-	-	2	-	-	1	65	-	-	59	-	6
	3	-	-	-	2	-	-	1	72	-	-	65	-	7
Miscellaneous machines	39	-	-	3	13	6	4	13	3,315	-	-	689	112	67
Brick making machinery	3	-	-	2	2	-	1	-	193	-	-	179	-	14
Molding machines.	2	-	-	-	1	-	-	1	32	-	-	29	-	3
<i>Cement Making Machines.</i>	1	-	-	-	-	-	-	1	7	-	-	-	-	7
	2	-	-	-	-	1	-	1	27	-	-	-	20	7
	1	-	-	-	-	-	-	-	5	-	-	-	-	5
<i>Glass Making Machinery.</i>	2	-	-	-	-	-	1	1	14	-	-	-	-	6
	3	-	-	-	2	-	1	-	122	-	-	118	-	4
	1	-	-	-	-	1	-	-	21	-	-	-	21	-
Pottery making machines	1	-	-	-	-	-	-	-	23	-	-	23	-	-
<i>Stone Working Machines.</i>	4	-	-	1	1	1	-	1	402	-	-	74	21	7
	13	-	-	1	3	1	1	6	432	-	-	120	-	12
	5	-	-	1	2	3	1	6	1,995	-	-	104	50	13
Planers	1	-	-	-	1	-	-	-	42	-	-	42	-	28
CLOTHING MACHINES.	169	-	-	1	50	20	28	70	4,659	-	-	3,386	365	272
Miscellaneous machines	36	-	-	1	15	5	5	10	1,877	-	-	1,380	92	45
Sewing machines	120	-	-	-	31	13	21	55	2,590	-	-	1,895	242	205
Cutting machines	13	-	-	-	4	2	2	5	192	-	-	111	31	28
FOOD PRODUCTS MACHINES.	254	-	-	35	102	28	36	53	28,132	-	-	6,805	486	222
	84	-	-	12	40	5	15	12	11,296	-	-	2,796	86	45
	12	-	-	1	6	1	2	2	676	-	-	321	19	10
Bottling machines	7	-	-	1	2	3	1	1	732	-	-	74	55	3
Cleaning, preparing and sorting machines	2	-	-	-	1	1	2	1	44	-	-	27	17	-
Containing, washing and cleaning machines	6	-	-	-	2	1	2	1	135	-	-	89	17	4
Crushers	4	-	-	-	2	1	1	1	350	-	-	317	19	14
Cutting machines	88	-	-	12	26	8	13	29	7,906	-	-	1,191	138	128
Milling and grinding machines	19	-	-	8	4	6	-	1	4,800	-	-	1,999	98	3
Mixing machines and kettles	7	-	-	1	3	-	1	2	463	-	-	141	-	14



TABLE X. — Cause of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.					
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		
<b>Machinery.—Con.</b>										
<b>Food Products Machines.—Con.</b>										
Dough mixers	9	—	—	—	8	1	—	—	952	—
Shaping and forming machines	7	—	—	—	4	1	—	2	569	—
Tobacco working machines	3	—	—	—	1	—	—	2	38	—
Labelling machines	6	—	—	—	3	1	1	1	171	—
<b>Metal Working Machines.</b>										
Miscellaneous machines	1,025	2	1	115	354	109	102	342	114,299	12,000
Abrasive wheels	121	1	—	9	51	14	16	30	14,304	6,000
Bending and straightening machines and rolls	210	1	—	11	53	13	27	105	15,748	6,000
Other metal rolls	2	—	—	1	—	—	—	1	307	—
Bolt and nut, pipe cutting, threading and tapping machines	3	—	—	1	2	—	—	—	508	—
Boring machines or mills (horizontal and vertical)	15	—	—	2	3	1	3	6	1,054	—
Drill (drill presses) (radial and upright or goose neck)	9	—	—	1	2	3	—	3	443	—
	89	—	—	3	26	17	5	38	3,990	—
<b>Hammers and Forging Machines.</b>										
Hammers and forging machines, N. O. C.	7	—	—	2	—	1	1	3	2,445	—
Drop hammers	7	—	—	2	3	—	2	—	2,738	—
Forging hammers	6	—	—	2	3	1	1	1	1,372	—
Upsetting machines	1	—	—	—	1	—	—	1	2	—
<b>Lathes and Automatic Screw Machines.</b>										
Lathes and automatic screw machines, N. O. C.	1	—	—	—	1	—	—	—	23	—
Lathes	61	—	—	2	18	5	6	30	2,095	—
Screw machines	6	—	—	—	2	1	1	2	285	—
Turret lathes	11	—	—	—	4	3	—	4	478	—
									23	—
									1,169	93
									247	21
									397	63
									—	76
									—	12
									—	5
									—	18

Milling and Gear-Cutting Machines.

Milling and gear-cutting machines . . . . .	7	3	—	—	2	2	2	2	1	138	—	—	36	79	16	7
Broaching machines . . . . .	3	—	—	—	—	—	—	—	2	22	—	—	15	—	—	7
Die sinkers . . . . .	1	—	—	—	—	—	—	—	—	300	—	—	—	—	—	7
Gear cutting machines . . . . .	3	—	—	—	1	1	1	1	2	39	—	—	—	31	—	8
Milling machines . . . . .	22	—	—	—	10	1	1	1	3	6,826	—	—	6,300	473	26	8
Molding machines (core, sandmixers, stamping machines) . . . . .	10	—	—	—	6	—	—	—	1	344	—	—	—	319	11	14
Planers and shapers . . . . .	14	—	—	—	3	3	3	3	3	1,234	—	—	900	247	18	12
Polishers and buffers . . . . .	44	—	—	—	17	4	4	6	14	4,751	—	—	3,150	1,410	57	60
Portable power tools . . . . .	36	—	—	—	9	5	3	3	18	1,472	—	—	300	971	33	74

Presses and Punches (Power)

Miscellaneous presses . . . . .	62	—	1	16	24	9	3	9	9	14,943	—	6,000	7,500	1,197	39	36
Arbor presses . . . . .	4	—	—	—	2	—	—	—	2	183	—	—	—	178	—	5
Bulldozers . . . . .	1	—	—	1	—	—	—	—	—	600	—	—	—	—	—	—
Draw presses . . . . .	5	—	—	2	1	—	—	—	1	637	—	—	600	23	11	3
Punch, stamping and trimming presses . . . . .	84	—	—	29	43	2	2	8	8	18,884	—	—	16,200	2,584	38	40
Punch and eyeletting machines . . . . .	3	—	—	—	2	1	1	1	1	49	—	—	—	—	12	—
Punch and riveting presses . . . . .	14	—	—	1	4	3	1	5	5	717	—	—	300	334	49	24
Presses (foot and hand operated) . . . . .	34	—	—	6	18	5	4	1	1	3,609	—	—	2,550	908	52	5
Presses (hydraulic, pneumatic and screw) . . . . .	4	—	—	—	—	1	1	2	2	35	—	—	—	—	19	6
Reamers . . . . .	35	—	—	1	18	6	2	8	8	2,824	—	—	1,800	854	112	35
Rolling and blooming mills . . . . .	6	—	—	—	2	—	—	—	—	351	—	—	—	304	47	—

Saws.

Miscellaneous saws . . . . .	14	—	—	3	3	1	—	7	7	3,107	—	—	2,850	202	21	34
Band saws . . . . .	4	—	—	1	1	—	—	1	1	822	—	—	750	54	11	7
Circular saws . . . . .	7	—	—	—	4	1	—	2	2	307	—	—	—	279	18	10
Hack saws . . . . .	4	—	—	—	2	2	—	2	2	72	—	—	—	65	—	7
Shears . . . . .	17	—	—	2	8	2	1	4	4	4,003	—	—	3,600	328	42	20
Welding and gear cutting machines . . . . .	22	—	—	—	1	1	2	20	20	129	—	—	—	17	—	70
Wire working machines . . . . .	8	—	—	—	3	2	2	1	1	179	—	—	—	113	39	5
Wire and tube working machines . . . . .	7	—	—	3	3	3	1	—	—	1,892	—	—	1,350	530	12	—
Winding machines (armatures) . . . . .	1	—	—	—	1	—	—	—	—	38	—	—	—	38	—	—

LEATHER WORKING MACHINES.

Miscellaneous leather machines . . . . .	633	1	—	46	291	69	67	150	150	54,725	—	6,000	29,850	16,158	798	656
Buffing and scouring machines . . . . .	522	—	—	36	237	57	56	136	136	35,139	—	—	19,650	13,213	661	571
Cutting machines . . . . .	54	—	—	4	24	3	8	15	15	2,904	—	—	1,200	1,501	84	61
Punching and pressing machines . . . . .	37	—	—	4	21	3	—	8	8	219	—	—	1,800	144	37	38
Sewing machines . . . . .	63	—	—	—	5	1	—	9	9	2,996	—	—	1,800	1,106	61	29
Miscellaneous shoemaking machines . . . . .	115	—	—	2	23	5	—	12	12	1,905	—	—	600	956	18	3
Rolling machines . . . . .	2	—	—	—	56	16	13	19	19	10,110	—	—	6,450	3,149	149	110
Lacing machines . . . . .	4	—	—	—	1	1	1	1	1	35	—	—	—	31	—	4
Stamping machines . . . . .	7	—	—	—	4	—	—	2	2	141	—	—	—	104	20	14
Eyeletting machines . . . . .	52	—	—	—	21	8	6	17	17	270	—	—	—	248	12	10
Heeling machines . . . . .	21	—	—	2	11	1	3	4	4	1,768	—	—	—	1,467	78	71
		—	—	—	—	—	—	—	—	90	—	—	—	83	—	12
		—	—	—	—	—	—	—	—	1,456	—	—	600	786	20	38

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.					
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		
<b>Machinery.—Con.</b>										
<i>Leather trolleys.—Con.</i>										
Trimming machines . . . . .	34	—	—	1	13	3	3	3	14	—
Drinking machines . . . . .	37	—	—	8	18	2	4	5	5	—
Nailers and tappers . . . . .	18	—	—	—	8	3	2	2	5	—
Slaving machines . . . . .	34	—	—	2	13	7	2	10	10	—
Grading and sorting machines . . . . .	9	—	—	—	7	1	—	—	1	—
Embossing machines . . . . .	11	—	—	2	5	1	1	—	2	—
<i>Tanneries.</i>										
Miscellaneous machines . . . . .	111	1	10	—	54	12	11	—	23	—
Buffing drums . . . . .	52	1	4	—	25	7	5	—	10	—
Other drums and paddle vats . . . . .	7	—	—	—	3	1	1	—	2	—
Extractors (centrifugal) . . . . .	1	—	—	—	1	—	—	—	—	—
Fleshing, staving and skiving machines . . . . .	28	—	1	—	19	—	3	—	5	—
Jacks-felling, glazing, rolling, etc. . . . .	9	—	1	—	3	2	—	—	3	—
Presses and baling machines . . . . .	1	—	—	—	—	1	—	—	—	—
Setting up or out machines . . . . .	2	—	—	1	—	—	—	—	—	—
Splitting machines . . . . .	9	—	—	2	3	—	2	—	2	—
Unhauling machines . . . . .	1	—	—	—	—	—	—	—	1	—
<b>WOODWORKING MACHINES.</b>										
Miscellaneous machines . . . . .	501	5	86	—	198	58	44	—	110	—
Boring machines and drills . . . . .	54	—	4	—	25	6	9	—	10	—
Broom and brush making machines . . . . .	10	—	1	—	6	—	1	—	2	—
Lathe presses . . . . .	5	—	—	—	1	2	1	—	1	—
<i>Lathes.</i>										
Lathes, miscellaneous . . . . .	10	—	—	—	4	1	1	—	4	—
Shoe last machines . . . . .	2	—	—	—	1	—	—	—	—	—
<i>Presses.</i>										
Miscellaneous presses . . . . .	8	—	1	—	5	1	—	—	1	—
Box board squeezers . . . . .	4	—	—	—	2	1	—	—	1	—
Box nailers . . . . .	1	—	—	—	—	—	—	—	—	—
Clamping machines . . . . .	1	—	—	—	1	—	—	—	—	—
Loop presses . . . . .	1	—	—	—	1	—	—	—	1	—
<b>TEMPORARY DISABILITIES.</b>										
<b>DEATHS.</b>										
<b>PERMANENT TOTAL</b>										
<b>PERMANENT PARTIAL</b>										
<b>Over 3 Weeks.</b>										
<b>2 to 3 Weeks.</b>										
<b>1 to 2 Weeks.</b>										
<b>7 Days and under.</b>										

*Tenoning, Planing and Molding Machines.*

Edgers	1	-	-	-	1	6	1	-	9	-	21	233	-	9	-
Jointers	10	-	-	-	1	1	1	-	560	-	34	113	-	-	6
Matchers	6	-	-	-	2	1	2	-	437	-	19	461	-	-	10
Molders	25	-	-	-	1	9	1	-	6,062	-	24	5,550	-	-	24
Planers	75	-	-	-	13	36	8	-	8,299	-	143	1,622	-	-	8
Stickers	2	-	-	-	1	-	1	-	9	-	-	-	-	-	9
Tenoners	1	-	-	-	1	-	-	-	300	-	-	-	-	-	-
Sanding machines, N. O. C.	11	-	-	-	1	4	-	-	545	-	-	198	-	25	22
Spindle and post	1	-	-	-	1	-	-	-	9	-	-	-	-	9	-
Surface or drum	1	-	-	-	1	-	-	-	10	-	-	-	-	10	-

*Saws.*

Miscellaneous saws	149	3	-	26	53	23	16	28	36,651	18,000	-	2,749	430	191	131
Band saws	18	1	-	5	4	1	1	7	7,677	6,000	-	127	21	-	29
Band re-saws	2	-	-	-	-	-	-	1	14	-	-	-	-	11	3
Saws, N. O. C.	1	-	-	-	1	-	-	-	37	-	-	37	-	-	-
Circular saws	88	1	-	19	36	8	8	16	21,527	6,000	-	2,048	150	93	66
Dado	2	-	-	-	2	-	-	-	73	-	-	73	-	-	-
Gang circular	1	-	-	1	-	-	-	1	730	-	-	-	-	-	-
Spring saws	1	-	-	1	-	-	-	1	603	-	-	-	-	-	3
Shapers, N. O. C.	9	-	-	2	1	2	-	4	1,192	-	-	93	36	-	13

*PAPER PRODUCTS MACHINES.*

Miscellaneous machines	145	-	-	22	67	21	14	21	16,184	-	-	4,093	394	150	91
Paper cup machines	48	-	-	8	21	8	5	6	4,663	-	-	1,120	157	49	37
Tube machines	1	-	-	-	1	-	-	-	124	-	-	124	-	-	-
Gluing machines	1	-	-	-	1	-	-	-	26	-	-	26	-	-	-
Automatic box making machines	4	-	-	1	2	-	1	-	406	-	-	94	-	12	-
Bag and envelope making machines	17	-	-	2	7	2	3	3	1,098	-	-	421	38	32	7
Corner staying machines	10	-	-	3	2	2	2	1	1,035	-	-	900	34	23	6
Covering machines	6	-	-	1	3	1	-	1	440	-	-	300	118	-	3
Cutting and punching machines, N. O. C.	8	-	-	1	3	1	1	2	48	-	-	48	-	-	-
Die cutters	2	-	-	-	1	-	-	1	560	-	-	221	20	10	9
Paper cutter (hand)	2	-	-	-	3	1	-	1	38	-	-	26	-	-	2
Punches (presses)	5	-	-	-	3	1	-	1	153	-	-	131	18	-	4
Rotary cutters	7	-	-	2	4	-	1	2	2,937	-	-	197	100	14	8
Saws	6	-	-	-	2	1	1	-	140	-	-	68	35	-	-
Doming and ending machines, N. O. C.	3	-	-	-	2	1	-	-	88	-	-	-	-	-	-
Corrugating machines (not rolls)	2	-	-	-	3	2	-	-	35	-	-	93	-	-	-
Ending machines	3	-	-	-	-	-	-	-	93	-	-	-	-	-	-
Finishing machines	4	-	-	2	2	1	-	-	1,141	-	-	1,070	91	-	-
Embossing rolls or calendars	1	-	-	-	-	-	-	-	15	-	-	-	15	-	-
Embossing presses	4	-	-	-	4	-	-	-	499	-	-	469	-	-	-
Folding presses	12	-	-	2	5	1	-	4	2,635	-	-	650	20	-	15

*PAPER MAKING MACHINES.*

Miscellaneous	63	1	-	8	31	5	3	15	10,142	6,000	-	1,549	91	38	64
	23	1	-	4	10	4	-	4	7,857	6,000	-	569	72	-	16

*Barkers, Splitters, Grinders, N. O. C.*

Splitters	1	-	-	-	-	-	1	-	13	-	-	-	-	13	-
Beaters (including rag washers)	5	-	-	1	3	-	1	-	446	-	-	133	-	13	-
Cutters and slitters	14	-	-	1	6	1	1	5	591	-	-	237	19	12	23

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.								DAYS LOST DUE TO —							
	TEMPORARY DISABILITIES.								TEMPORARY DISABILITIES.							
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.
<b>Machinery.—Con.</b>																
<b>PAPER-MAKING MACHINES.—Con.</b>																
<i>Barkers, Splitters, Grinders, N. O. C.—Con.</i>																
Paper machines, N. O. C.	3	—	—	—	1	—	—	2	53	—	—	—	43	—	—	10
Calenders	9	—	—	—	6	—	—	3	336	—	—	—	326	—	—	10
Dryers	6	—	—	—	4	—	—	1	513	—	—	300	208	—	—	5
Suction rolls	2	—	—	—	1	—	—	—	333	—	—	300	33	—	—	—
<b>PRINTING AND BOOKBINDING MACHINES.</b>																
Composing machines	109	—	—	9	47	17	7	29	8,917	—	—	5,400	3,026	318	76	97
Linotypes	2	—	—	—	1	1	—	—	51	—	—	—	30	21	—	—
Monotypes	16	—	—	1	5	2	4	4	578	—	—	300	188	39	41	10
Type casters	2	—	—	—	1	—	—	—	43	—	—	—	43	—	—	—
					1	—	—	1	85	—	—	—	81	—	—	4
<b>Presses.</b>																
Binding presses	2	—	—	—	2	—	—	—	83	—	—	—	83	—	—	—
Printing presses	45	—	—	2	21	8	1	13	2,234	—	—	600	1,436	144	11	43
Flat bed cylinder presses	5	—	—	1	1	—	—	3	373	—	—	300	63	—	—	10
Job platen presses	5	—	—	—	4	—	—	1	230	—	—	—	223	—	—	7
Web newspaper presses	2	—	—	—	1	—	—	—	403	—	—	—	400	—	—	3
Sewing machines	2	—	—	—	—	—	—	2	8	—	—	—	—	—	—	8
Other printing machines	16	—	—	3	6	4	1	2	1,301	—	—	900	310	72	14	5
Other book-binding machines	11	—	—	—	4	2	1	2	3,528	—	—	3,300	169	42	10	7
<b>TEXTILE MACHINES.</b>																
Miscellaneous machines	699	—	—	61	293	92	78	175	56,162	—	—	31,800	20,995	1,697	896	774
Washers	70	—	—	14	26	12	7	11	9,502	—	—	7,500	1,648	217	82	55
Dryers	5	—	—	—	2	2	—	1	173	—	—	—	139	30	—	4
Scouring machines	7	—	—	2	2	—	2	2	872	—	—	600	244	—	21	7
Braiding and knitting machines	3	—	—	—	1	—	—	1	34	—	—	—	27	—	—	—
Carding and combing machines	22	—	—	—	9	4	2	7	406	—	—	—	287	73	23	23
Cards	4	—	—	—	2	1	—	—	106	—	—	—	77	21	8	—
Combs	75	—	—	11	34	12	6	12	7,097	—	—	4,050	2,697	227	64	59
Garnett machines	20	—	—	3	10	2	3	2	1,392	—	—	900	414	34	34	10
Slubbers	15	—	—	1	5	3	2	4	743	—	—	300	354	53	24	12
Speeders	1	—	—	—	—	—	1	—	12	—	—	—	—	—	12	—
Gill box tenders	13	—	—	2	11	—	—	2	432	—	—	600	453	—	9	9
	5	—	—	—	1	—	—	2	668	—	—	—	59	—	—	—

Cloth cutting and stamping machines	12	1	3	2	2	440	34	21	24
Folding machines	6	1	2	2	2	167	108	23	-
<i>Dyeing, Finishing and Printing Machines</i>									
Dyeing and finishing machines	46	7	19	5	8	5,618	1,948	93	30
Shearing machines	7	-	2	1	-	157	119	-	21
Lappers	2	-	6	1	-	25	-	-	5
Hat making machines	11	1	6	1	1	1,174	399	12	13
Opening and cleaning machines	1	-	-	-	-	6	-	-	6
Pickers	36	5	15	1	3	6,243	1,337	36	55
Presses	2	2	2	1	-	186	186	-	-
Rope making machines	4	1	-	-	-	617	-	-	17
Sewing machines	14	1	4	2	3	679	291	41	10
Spinning machines, N. O. C.	15	6	6	3	1	371	273	12	25
Jacks and mules	15	4	4	1	3	916	533	36	27
Spinning frames	42	13	7	2	3	1,655	517	40	69
Drawing frames	12	6	2	2	3	1,056	406	38	12
Spoolers	13	1	3	2	2	423	90	-	33
Twisting machines	12	4	2	2	-	291	207	21	24
Weaving machines, N. O. C.	24	11	5	4	4	2,051	1,902	90	40
Looms	18	72	16	19	19	9,405	5,038	216	116
Warpers	8	1	4	1	2	1,685	469	9	7
Winders, doublers and quillers	39	16	5	2	2	1,530	739	28	66
<b>RUBBER, CELLULOID, COMPOSITION, PEARL BONE AND TORTOISE SHELL (GOVERNMENT MACHINES).</b>									
Miscellaneous machines	122	16	46	12	11	17,316	3,004	118	159
Calenders	44	3	20	4	3	2,693	1,166	30	70
Comb cutting machines and ornament shapers	6	2	1	2	-	1,290	46	42	2
Cutting and punching machines	5	1	1	1	2	656	29	24	3
Curling and slitting machines	8	1	1	1	1	3,096	53	18	16
Drills (button) etc.	14	2	2	2	1	1,211	79	40	30
Grinding, washing, milling and cracking machines	1	-	1	-	-	31	31	-	-
Lathes (button) etc.	3	1	-	-	1	765	-	11	4
Mixers (not of calendar type)	5	4	4	13	1	131	125	-	6
Presses, foot and hand operated	16	1	1	-	-	300	300	-	-
Presses and punches (mechanical)	11	4	7	-	-	3,753	287	-	16
Saws (button) etc.	7	2	5	3	2	3,142	710	22	10
Tubing machines	1	-	1	3	1	167	97	10	2
			1	-	-	81	81	-	-
<b>LAUNDRY MACHINES.</b>									
Miscellaneous machines	98	1	44	10	9	17,414	3,172	113	131
Extractors	33	5	14	1	4	1,151	1,011	54	65
Ironing machines	19	-	10	4	2	7,023	906	83	22
Body ironers	16	1	7	2	1	3,272	204	40	11
Flat work ironers	1	-	1	-	-	60	60	-	17
Mangles	3	-	1	1	1	62	29	13	-
Washing machines	21	-	10	2	1	4,948	148	20	-
						898	814	34	37



TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —							
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				TEMPORARY DISABILITIES.				
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
<b>Machinery.—Con.</b>													
MISCELLANEOUS.													
Office machinery . . . . .	47	—	—	3	12	1	7	24	5,187	—	—	—	—
Not specified machinery . . . . .	15	—	—	2	4	—	1	9	684	18	79	93	40
	32	—	—	—	8	1	6	15	4,503	—	—	—	53
<b>MACHINES OTHER THAN WORKING MACHINES.</b>													
Automatic stokers. . . . .	49	—	—	7	14	4	6	18	4,700	73	74	79	—
Fans and blowers . . . . .	1	—	—	—	1	—	—	—	56	—	—	—	—
Pumps. . . . .	23	—	—	2	7	2	3	9	2,023	39	39	33	—
Other machines . . . . .	16	—	—	4	5	1	2	4	1,756	200	17	21	18
	9	—	—	1	1	1	1	5	865	17	14	28	—
<b>HOISTING APPARATUS.</b>													
<i>Elevators Controlled (not Construction Elevators).</i>	432	18	—	23	206	52	46	87	156,386	917	521	373	—
Cable, breaking . . . . .	1	—	—	—	1	—	—	—	222	—	—	—	—
Cable, unwinding . . . . .	1	—	—	—	—	—	—	—	6,000	—	—	—	—
Cable, caught by . . . . .	4	—	—	3	—	—	1	—	914	—	—	—	—
Car, caught between floor and . . . . .	22	1	—	2	13	1	1	4	7,760	17	14	23	—
Car, caught between shaft side and . . . . .	15	1	—	1	6	4	1	2	6,000	63	8	6	—
Car, caught between gate and . . . . .	6	—	—	—	3	—	2	1	9,426	—	—	—	—
Car, struck by in pit . . . . .	1	—	—	—	1	—	—	—	210	—	23	7	—
Caught between car and overhead equipment or top of shaft . . . . .	1	—	—	—	1	—	—	—	126	—	—	—	—
Counter weight, struck by . . . . .	1	—	—	—	1	—	—	—	39	—	—	—	—
Fall of person into shaft, from floor . . . . .	34	5	—	3	16	4	2	4	28	—	—	—	—
Fall of person into shaft, from car . . . . .	1	—	—	—	1	—	—	—	40,070	71	20	12	—
Gates, not specified . . . . .	44	—	—	1	21	8	3	11	28	144	36	40	—
Machinery, breaking . . . . .	1	—	—	—	—	—	—	—	2,379	—	—	—	—
Machinery, caught in . . . . .	4	—	—	—	—	—	1	—	14	—	14	—	—
Objects falling down shaft, from floor . . . . .	2	—	—	—	1	1	—	3	312	—	—	12	—
Objects falling down shaft, from car . . . . .	1	—	—	—	1	—	—	—	315	15	—	—	—
All other . . . . .	61	5	—	3	24	7	9	13	200	132	99	54	—
									34,468				
<b>Elevators, Automatic and Dumb Waiters.</b>													
Cable, breaking . . . . .	2	—	—	—	1	—	—	1	478	—	—	3	—
Cable, unwinding . . . . .	1	—	—	1	—	—	—	—	1,200	—	—	—	—
Cable, caught by . . . . .	1	—	—	—	—	—	1	—	10	—	10	—	—
Car, caught between floor and . . . . .	5	—	—	—	4	—	—	1	311	—	—	4	—

Car, caught between shaft side and . . .	5	—	—	—	—	—	202	—	—	—	182	15	—	5
Car, caught between gate and . . .	2	—	—	—	—	—	13	—	—	—	—	—	8	5
Car, struck by, elsewhere . . .	2	—	—	—	—	—	8	—	—	—	—	—	—	8
Counterweight, struck by . . .	1	—	—	—	—	—	18	—	—	—	—	18	—	—
Fall of person into shaft, from floor . . .	7	—	—	—	—	—	1,439	—	—	—	1,431	—	8	—
Fall of person into shaft, from car . . .	3	—	—	—	—	—	444	—	—	—	444	—	—	—
Fall of person into car, from floor . . .	1	—	—	—	—	—	11	—	—	—	—	—	11	—
Gates . . .	10	—	—	—	—	—	407	—	—	—	—	37	37	11
Objects falling down shaft, from floor . . .	2	—	—	—	—	—	11	—	—	—	—	—	8	3
Objects falling from floor, into car . . .	1	—	—	—	—	—	7	—	—	—	—	—	7	7
All other . . .	18	—	—	—	—	—	6,783	—	—	—	692	15	44	32
<i>Construction Hoists and Elevators (not Derricks).</i>														
Cable, breaking . . .	1	—	—	—	—	—	32	—	—	—	32	—	—	—
Cable, caught by . . .	1	—	—	—	—	—	6	—	—	—	—	—	—	6
Car, caught between shaft side and . . .	1	—	—	—	—	—	55	—	—	—	55	—	—	—
Car, struck by, elsewhere . . .	1	—	—	—	—	—	48	—	—	—	48	—	—	—
Gates . . .	2	—	—	—	—	—	5	—	—	—	—	—	—	5
Objects falling from floor, into car . . .	1	—	—	—	—	—	110	—	—	—	110	—	—	—
All other . . .	4	—	—	—	—	—	64	—	—	—	26	20	14	4
<i>Cranes, Locomotives, Pit Cranes and Derricks.</i>														
Cable or chain catching or striking person . . .	9	—	—	—	—	—	5,297	—	—	—	783	—	—	14
Falls from crane track (not in erecting or rigging) . . .	3	—	—	—	—	—	88	—	—	—	—	16	—	2
Hook or sling, catching or striking person . . .	7	—	—	—	—	—	6,124	—	—	—	90	—	14	12
Load, struck by, swinging . . .	13	—	—	—	—	—	1,257	—	—	—	885	72	—	—
Load, struck by, lowering or raising . . .	9	—	—	—	—	—	257	—	—	—	714	31	—	—
Load, falling, broken cable . . .	2	—	—	—	—	—	275	—	—	—	275	—	—	12
Load, falling, slipping cable . . .	2	—	—	—	—	—	90	—	—	—	90	—	—	—
Load falling, slipping of hook . . .	6	—	—	—	—	—	2,729	—	—	—	309	15	—	5
Load falling, sling breaking . . .	1	—	—	—	—	—	100	—	—	—	100	—	—	—
Machinery catching person . . .	2	—	—	—	—	—	7	—	—	—	—	—	—	7
Objects falling from load . . .	7	—	—	—	—	—	702	—	—	—	677	17	—	8
All other . . .	55	2	—	—	—	—	15,666	12,000	—	—	2,230	125	60	31
Boom breaking . . .	5	1	—	—	—	—	6,921	6,000	—	—	921	—	—	—
Room swinging . . .	3	—	—	—	—	—	43	—	—	—	28	—	11	4
Blocks and tackles, windlasses, capstans, and winches . . .	28	—	—	—	—	—	1,924	—	—	—	1,186	77	47	14
Hay forks, derricks and stackers . . .	8	—	—	—	—	—	233	—	—	—	178	17	21	17
<i>CONVEYORS.</i>														
<i>Air Hoists.</i>														
Objects falling from . . .	15	1	—	—	—	—	31,786	12,000	—	—	8,189	407	117	223
Caught in . . .	6	—	—	—	—	—	7,119	6,000	—	—	478	19	10	12
Struck by load . . .	14	—	—	—	—	—	1,369	—	—	—	316	18	—	—
Other . . .	33	—	—	—	—	—	4,946	—	—	—	1,356	75	24	57



While riding on, due to slipping or loss of balance . . . . .	8	1	-	-	3	1	1	2	6,499	6,000	-	-	458	21	13	7
While riding on, contact with overhead structure . . . . .	2	-	-	-	1	-	-	1	302	-	-	-	300	-	-	2
While riding on, contact with side structure . . . . .	1	1	-	-	-	-	-	-	6,000	6,000	-	-	-	-	-	64
Falls . . . . .	62	3	-	-	30	6	8	15	20,631	18,000	-	-	2,362	118	87	64
<i>Train Wrecks.</i>																
Collisions . . . . .	7	-	-	-	3	-	2	2	482	-	-	-	454	-	19	9
Deraillments . . . . .	6	-	-	-	3	1	1	1	121	-	-	-	82	21	11	7
<i>Struck By or Caught Between</i>																
While coupling or uncoupling . . . . .	7	-	-	-	-	1	2	4	61	-	-	-	-	20	20	21
While switching . . . . .	4	-	-	-	1	-	3	3	64	-	-	-	49	-	-	15
While repairing track . . . . .	2	1	-	-	1	-	-	-	6,097	6,000	-	-	97	-	-	-
While crossing track . . . . .	3	1	-	-	1	-	-	-	10,530	6,000	-	4,500	30	-	-	-
While standing or walking on track . . . . .	3	2	-	-	1	-	-	-	12,025	12,000	-	-	25	-	-	-
Miscellaneous . . . . .	27	1	-	-	15	-	2	8	12,814	6,000	6,000	-	754	-	27	33
<i>Other Causes.</i>																
Setting or releasing hand brakes . . . . .	3	-	-	-	-	-	1	2	21	-	-	-	-	-	14	7
Objects falling from (not in loading or unloading) . . . . .	6	-	-	-	1	-	2	3	68	-	-	-	29	-	22	17
Objects shifting on load . . . . .	1	-	-	-	-	-	1	2	2	-	-	-	-	-	2	2
All other . . . . .	30	-	-	-	11	3	2	13	1,437	-	-	300	1,008	56	20	53
<i>MINE AND QUARRY CARS.</i>																
Deraillments . . . . .	12	-	-	-	5	-	5	2	848	-	-	-	774	-	62	12
Riding on, contact with roof . . . . .	2	-	-	-	-	-	2	-	24	-	-	-	24	-	24	-
Struck by or caught between . . . . .	1	-	-	-	1	-	-	-	37	-	-	-	37	-	-	-
All other . . . . .	4	-	-	-	2	2	1	1	456	-	-	-	435	-	14	7
	5	-	-	-	2	-	2	1	331	-	-	-	302	-	24	5
<i>PLANT TRUCKS ON TRACKS.</i>																
Braking . . . . .	38	-	-	-	21	3	6	7	2,174	-	-	300	1,720	57	66	31
Caught between truck and overhead obstruction . . . . .	2	-	-	-	2	-	-	-	486	-	-	-	486	-	-	-
Caught by car or load in dumping . . . . .	1	-	-	-	-	-	-	1	3	-	-	-	-	-	-	3
Collisions . . . . .	4	-	-	-	1	-	2	1	156	-	-	-	133	-	21	2
Deraillments . . . . .	1	-	-	-	1	-	-	-	42	-	-	-	42	-	-	2
Falls from, due to sudden start or stop . . . . .	3	-	-	-	2	-	-	1	81	-	-	-	74	-	-	7
Getting on or off . . . . .	4	-	-	-	1	1	1	1	351	-	-	300	27	17	-	7
Lifting or pushing car . . . . .	3	-	-	-	2	-	-	-	283	-	-	-	272	-	11	-
Riding on, contact with rib or side structure . . . . .	3	-	-	-	2	-	-	-	134	-	-	-	123	-	11	-
Struck by, or caught between, while coupling or switching . . . . .	1	-	-	-	-	1	-	-	19	-	-	-	-	19	-	-
Struck by . . . . .	2	-	-	-	2	-	-	-	112	-	-	-	112	-	-	-
Struck, or caught between . . . . .	8	-	-	-	3	-	2	3	216	-	-	-	181	-	23	12
	6	-	-	-	5	1	-	-	291	-	-	-	270	21	-	-
<i>AUTOMOBILES AND OTHER POWER VEHICLES.</i>																
Breaking of car or part not resulting in collision or overturning . . . . .	2,582	34	1	25	1,277	306	271	668	336,618	204,000	6,000	24,600	90,207	5,615	3,158	3,038
Collisions, skidding . . . . .	4	-	-	-	-	1	2	1	48	-	-	-	-	19	27	2
	46	3	-	2	26	5	6	4	22,185	18,000	-	2,100	1,896	90	84	15

TABLE X. — *Causes of Injuries, by Extent of Disability, etc. — Continued.*

NUMBER OF TABULATABLE INJURIES.						DAYS LOST DUE TO —								
CAUSES.	TEMPORARY DISABILITIES.					Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.					
	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Total.				Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.
Vehicles (not including Construction of).—Cont.														
AUTOMOBILES AND OTHER POWER VEHICLES.—Cont.														
Collisions, breaking of parts . . . . .	12	—	3	4	3	2	286	—	—	—	173	69	30	14
Collisions, all other . . . . .	381	10	194	44	45	83	82,049	60,000	—	7,200	13,117	815	526	391
Collisions with cars or engines . . . . .	25	3	12	3	4	3	18,882	18,000	—	—	764	60	42	16
Cranking . . . . .	368	1	215	42	41	99	21,855	6,000	—	—	14,159	769	483	444
Engines, N. O. C. . . . .	2	1	—	—	—	—	304	—	—	300	—	—	—	4
Falls from . . . . .	499	5	269	66	44	115	54,429	30,000	—	—	22,203	1,223	492	511
Mechanical unloading . . . . .	28	2	16	2	1	7	2,207	—	900	1,230	36	36	14	27
Objects falling from . . . . .	84	2	36	13	4	29	3,693	—	600	2,679	238	47	10	129
Objects shifting on load . . . . .	14	—	6	1	1	6	276	—	—	226	17	10	23	—
Overturning, skidding of parts . . . . .	39	1	23	8	3	4	8,491	—	6,000	—	2,302	140	32	17
Overturning, breaking of parts . . . . .	6	—	3	—	1	2	401	—	—	—	382	—	11	8
Overturning, all other . . . . .	84	2	51	8	6	16	16,789	12,000	—	—	3,899	154	68	68
Struck by . . . . .	318	8	179	30	35	62	71,984	48,000	10,200	12,489	552	413	330	330
All other . . . . .	616	2	232	78	69	228	31,658	12,000	2,400	14,021	1,412	817	1,008	1,008
Bicycles . . . . .	22	—	10	1	—	5	518	—	—	—	410	21	62	25
Aeroplanes . . . . .	4	1	2	—	—	1	563	—	300	—	257	—	—	6
ANIMAL-DRAWN VEHICLES.														
Breaking of parts . . . . .	249	4	134	40	15	56	36,405	24,000	—	—	11,247	726	170	262
Collisions with cars or engines . . . . .	6	—	5	—	—	1	576	—	—	—	1,571	—	—	5
Collisions with other vehicles . . . . .	41	—	20	7	3	11	1,394	—	—	—	146	—	—	6
Falls from . . . . .	109	4	60	18	9	18	30,644	24,000	—	—	1,170	128	40	56
Mechanical unloading . . . . .	1	—	—	—	1	—	14	—	—	—	6,149	322	100	73
Objects falling from (not in loading or unloading) . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	14	—
Objects shifting on load . . . . .	2	—	1	1	—	—	70	—	—	—	50	20	—	—
Overturning . . . . .	2	—	2	—	—	—	67	—	—	—	67	—	—	—
Struck by . . . . .	32	1	17	5	—	10	1,189	—	—	—	77	90	—	56
All other . . . . .	39	—	15	9	2	13	1,872	—	—	—	1,631	166	16	59

## ANIMAL-DRAWN IMPLEMENTS (NOT MACHINERY.)

	10	-	-	-	8	-	-	2	356	-	-	349	-	7
WATER CRAFT.														
Falls from, or jumping overboard	15	-	-	-	7	2	2	4	803	-	-	722	37	18
Fall into hatchway	3	-	-	-	1	-	-	-	7	-	-	-	-	7
Hawsers and other ropes	1	-	-	-	1	1	-	-	46	-	-	24	17	5
All other	9	-	-	-	5	1	2	1	718	-	-	668	20	4

## ALL OTHER VEHICLES.

All other vehicles	1	-	-	-	1	-	-	-	30	-	-	30	-	-
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## Explosions, Electricity, Fires and Hot Substances.

	1,705	32	1	12	580	278	256	546	258,103	192,000	6,000	15,300	34,463	5,038	3,006	2,296
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## BOILERS AND STEAM-PRESSURE APPARATUS.

Economizers and superheaters, all other causes	4	-	-	-	3	-	-	1	132	-	-	-	125	-	-	7
Steam boilers, explosions of	2	-	-	-	1	1	-	-	515	-	-	-	500	15	-	-
Steam boilers, escaping steam and hot water	3	-	-	-	2	1	-	1	83	-	-	-	81	-	-	2
Steam boilers, all other causes	4	-	-	-	2	1	-	-	92	-	-	-	73	16	-	3
Steam pipes, explosions of	2	-	-	-	1	-	-	1	30	-	-	-	28	-	-	2
Steam pipes, all other causes	7	-	-	-	2	2	-	3	158	-	-	-	110	36	-	12
Steam and hot water gauges, all other causes	2	-	-	-	1	1	1	-	41	-	-	-	30	-	11	-
Other steam pressure apparatus, explosions of	2	-	-	-	1	1	-	-	53	-	-	-	33	20	-	-
Other steam pressure apparatus, all other causes	10	-	-	-	2	-	3	5	248	-	-	-	180	-	41	27

## EXPLOSIONS OF EXPLOSIVE SUBSTANCES.

Blasting	7	-	-	-	5	-	-	2	716	-	-	-	708	-	-	8
All other	3	-	-	-	1	-	1	1	315	-	-	-	300	13	2	2
Dust	1	-	-	-	1	-	-	-	7	-	-	-	-	-	7	-
Explosives, transportation and handling	1	-	-	-	1	-	-	-	32	-	-	-	32	-	-	-
Gas	42	3	-	-	16	4	8	11	19,195	18,000	-	-	979	77	93	46
Gasoline and other petroleum products	37	3	-	-	14	3	7	10	19,166	18,000	-	-	981	56	87	42
All other	13	1	-	-	4	4	1	3	6,553	6,000	-	-	551	73	14	15

## OTHER EXPLOSIONS.

Ammonia apparatus	6	-	-	-	1	1	2	2	74	-	-	-	28	18	10	-
Other high pressure apparatus	3	-	-	-	2	1	-	-	64	-	-	-	48	16	-	-
All other	34	2	-	2	11	6	4	9	14,726	12,000	-	1,500	1,022	117	48	39
Electricity	142	21	1	2	48	22	11	37	138,858	126,000	6,000	3,600	2,554	413	131	160
Conflagrations	1	-	-	-	-	-	-	1	5	-	-	-	-	-	-	5

## HOT SUBSTANCES AND FLAMES.

Asphalt, pitch and tar	101	-	-	-	46	20	10	25	3,080	-	-	-	2,486	361	132	101
Flames, clothing	15	-	-	-	11	-	3	1	1,094	-	-	-	1,050	-	40	4
All other flames	159	-	-	-	58	29	34	38	4,052	-	-	-	3,010	511	388	143





All other	383	2	—	5	221	36	37	82	44,926	12,000	—	10,800	20,645	669	435	377
Loading platforms	55	—	—	—	22	4	5	24	1,473	—	—	—	1,243	76	57	97
Piles	43	—	—	—	25	3	2	13	2,397	—	—	—	2,976	57	22	42
Poles and trees	57	4	—	—	31	4	5	13	28,161	24,000	—	—	3,969	80	59	53
Roofs	56	1	—	3	36	5	5	6	20,564	6,000	—	7,800	6,595	85	54	30
Runways, balconies and platforms, not loading platforms	92	2	—	—	50	7	10	23	18,341	12,000	—	—	5,995	130	122	94
<i>Scaffolds and Staging.</i>																
Breaking or shpping	105	1	—	1	75	5	7	16	18,578	6,000	—	2,400	9,921	88	88	81
Breaking of tackle or support	15	—	—	—	10	1	—	13	6,751	6,000	—	—	720	16	—	15
Tilting or falling of loose plank	36	—	—	—	20	—	4	11	2,748	—	—	—	2,051	—	47	50
All other	207	5	—	3	133	19	16	31	50,795	30,000	—	3,600	16,527	346	192	130
Stairs and steps	1,265	3	1	—	515	152	—	433	76,474	18,000	6,000	6,000	39,902	2,776	1,769	2,027
Trunways and trestles	4	—	—	—	3	—	—	1	515	—	—	—	508	—	—	7
Windows and wall openings	32	4	—	1	14	4	4	5	28,058	24,000	—	2,400	1,517	69	44	28
All other	208	3	—	—	123	22	19	41	32,463	18,000	—	—	13,650	398	221	194
<i>INTO EXCAVATIONS, PITS AND SHAFTS.</i>																
Bins and vats, containing hot or corrosive substances	1	—	—	—	1	—	—	—	200	—	—	—	200	—	—	—
Bins and vats, all other	49	1	—	—	25	6	4	13	9,475	6,000	—	—	3,249	117	55	54
Floor openings (not elevator shafts)	96	—	—	—	47	6	10	33	5,233	—	—	—	4,850	106	114	163
Manholes	19	—	—	—	13	—	1	5	1,073	—	—	—	1,045	—	19	—
Excavations	103	—	—	2	47	11	13	30	7,135	—	—	1,800	4,864	204	145	122
<i>ON LEVEL.</i>																
Slipping	2,011	4	—	11	907	258	244	587	110,673	24,000	—	11,700	64,801	4,718	2,829	2,625
Stumbling over fixed objects	138	—	—	4	66	15	11	42	11,763	—	—	5,400	5,758	291	128	186
Stumbling over loose objects	629	—	—	1	274	64	77	213	25,198	—	—	1,800	20,377	1,139	884	998
All other	766	1	—	2	283	89	115	276	31,517	6,000	—	4,200	17,106	1,619	1,307	1,285
Slipping on wet floors	432	2	—	1	184	58	37	150	29,962	12,000	—	300	15,466	1,063	426	707
<b>Stepping on, or Striking against Objects, 3,076</b>		<b>6</b>	<b>—</b>	<b>16</b>	<b>859</b>	<b>391</b>	<b>414</b>	<b>1,390</b>	<b>113,704</b>	<b>36,000</b>	<b>—</b>	<b>12,750</b>	<b>47,358</b>	<b>7,108</b>	<b>4,752</b>	<b>5,736</b>
Nails	851	1	—	3	96	101	131	519	19,101	6,000	—	3,900	3,748	1,827	1,507	2,119
All other sharp objects	97	—	—	—	28	13	10	46	1,842	—	—	—	1,300	225	117	200
<i>STRIKING AGAINST OBJECTS.</i>																
Fellow-employees	33	—	—	—	13	—	3	17	606	—	—	—	479	—	41	86
Nails	217	—	—	2	47	30	29	109	4,141	—	—	—	2,958	537	327	419
Other fixed objects	685	1	—	4	276	85	89	230	27,964	6,000	—	2,700	15,752	1,559	1,018	935
Splinters or sharp projections from walls or structures	209	2	—	3	62	28	28	86	18,394	12,000	—	2,400	2,826	501	313	354
All other objects	984	2	—	4	337	134	124	383	41,655	12,000	—	3,150	20,995	2,459	1,429	1,623
<b>Falling Objects (not being handled by Injured), 2,061</b>		<b>9</b>	<b>—</b>	<b>18</b>	<b>963</b>	<b>250</b>	<b>216</b>	<b>605</b>	<b>161,178</b>	<b>54,000</b>	<b>—</b>	<b>19,500</b>	<b>74,937</b>	<b>7,608</b>	<b>2,518</b>	<b>2,615</b>
<i>COLLAPSE OF.</i>																
Building and walls	3	—	—	—	3	—	—	—	340	—	—	—	340	—	—	—
Chutes, conveyors and slides	3	—	—	—	1	—	1	1	80	—	—	—	66	—	8	6



## CAVE-INS (NOT MINES OR QUARRIES).

Tunnels	100	4	4	69	9	3	11	36,292	24,000	-	4,500	7,540	173	32	47
Other excavations	3	-	1	3	-	2	5	146	-	-	-	146	-	-	-
In mines and quarries—inside	12	-	-	3	1	2	6	5,578	-	-	3,000	2,491	35	23	29
								183	-	-	-	120	16	21	26
<b>Handling of Objects.</b>	<b>12,842</b>	<b>23</b>	<b>1</b>	<b>5,538</b>	<b>1,638</b>	<b>1,487</b>	<b>3,993</b>	<b>659,739</b>	<b>138,000</b>	<b>6,000</b>	<b>86,100</b>	<b>364,804</b>	<b>30,085</b>	<b>17,249</b>	<b>17,501</b>
<b>HEAVY OBJECTS.</b>															
Caught between object handled and other object	1,224	-	62	520	144	125	373	60,494	-	-	23,700	31,119	2,661	1,430	1,584
Objects dropped	1,439	-	17	631	178	160	451	68,489	12,000	-	12,150	37,314	3,249	1,889	1,887
Objects falling from load (while loading or unloading)	449	1	9	215	49	56	119	26,188	6,000	-	3,900	14,247	905	631	505
Objects falling from pile (while piling or unpling)	140	-	-	67	22	17	34	5,657	-	-	-	4,897	418	190	152
Objects thrown	120	-	1	39	16	18	46	3,463	-	-	300	2,507	286	206	164
Strain in handling	4,692	10	5	2,547	520	446	1,163	286,993	60,000	6,000	9,000	191,746	9,529	5,137	5,581
Handled	840	1	2	312	103	110	312	28,432	6,000	-	600	17,172	1,919	1,346	1,395
<b>SHARP OR ROUGH OBJECTS.</b>															
Bones	123	-	1	30	28	17	47	2,414	-	-	300	1,200	507	203	204
Castings	5	-	-	4	-	1	-	219	-	-	-	205	-	14	-
Glass	472	-	9	87	78	87	211	10,971	6,000	-	3,300	4,403	1,401	1,003	864
Protruding nails in objects handled	353	1	-	94	64	42	146	14,659	6,000	-	2,250	4,182	1,159	484	584
Protruding wires	243	1	-	62	44	32	96	17,377	6,000	-	7,200	2,580	821	377	399
Sheet metal and sheet metal objects	251	1	-	73	38	42	95	13,661	6,000	-	2,100	3,958	714	458	401
Slivers, metal	220	2	3	60	37	36	82	18,639	12,000	-	1,200	3,860	694	415	370
Slivers, wood	671	3	-	186	90	90	282	41,910	18,000	-	11,100	9,026	1,677	1,042	1,065
All other	671	1	14	202	111	103	240	27,689	6,000	-	8,100	9,345	2,030	1,175	1,039
<b>HAND TRUCKS, CARTS AND WHEEL-FARROWS.</b>															
Caught between truck and other object	106	-	3	40	15	12	36	3,676	-	-	900	2,223	269	140	144
Object falling from, not in loading or unloading	68	-	-	26	9	8	25	1,925	-	-	-	1,558	159	90	118
Overturning	33	-	-	18	2	3	10	1,249	-	-	-	1,137	39	32	41
Struck by truck handled by injured person	291	-	-	116	40	36	99	8,089	-	-	-	6,493	736	421	439
Struck by truck handled by co-worker	78	-	-	28	5	11	34	2,869	-	-	-	2,511	88	131	139
All other	353	-	-	181	45	35	92	14,676	-	-	-	13,021	824	405	426
<b>Hand Tools.</b>	<b>3,800</b>	<b>1</b>	<b>63</b>	<b>1,195</b>	<b>528</b>	<b>526</b>	<b>1,486</b>	<b>158,144</b>	<b>6,000</b>	<b>6,000</b>	<b>59,550</b>	<b>64,656</b>	<b>9,623</b>	<b>6,113</b>	<b>6,202</b>
<b>IN HANDS OF INJURED WORKER.</b>															
Breaking or coming apart of tool	56	-	2	18	8	8	20	3,463	-	-	2,100	1,051	139	96	77
Flying particles set in motion by tool not specified	144	-	5	23	9	21	85	16,838	-	-	9,000	1,097	170	237	334
Metal chips	187	-	8	48	25	29	77	15,441	-	6,000	11,700	2,663	444	320	314
Nails and spikes	97	-	4	9	3	3	8	7,870	-	-	7,200	545	56	37	32
Stone	121	-	6	38	15	17	45	13,535	-	-	10,800	2,092	273	196	174
Glancing or slipping of tool in use	2,380	-	24	688	345	336	987	61,740	-	-	11,100	36,314	6,302	3,905	4,119
All other	708	1	2	297	105	94	209	26,695	6,000	-	600	16,153	1,916	1,103	923

TABLE X. — Causes of Injuries, by Extent of Disability, etc. — Concluded.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —							
	TEMPORARY DISABILITIES.					Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				
	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	Over 3 Weeks.				2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		
<b>Hand Tools.—Con.</b>													
<b>IN HANDS OF FELLOW-WORKER.</b>													
Flying particles set in motion by tool, not specified	5	—	—	—	—	311	—	—	—	301	—	10	—
Metal chips	4	—	1	1	1	1,834	—	1,800	—	—	18	14	2
Stone	4	—	1	1	1	107	—	—	—	92	—	12	3
Breaking or coming apart of tool	4	—	—	—	—	300	—	—	—	285	—	—	—
Glancing or slipping of tool in use	148	—	17	11	48	8,973	—	4,500	—	3,834	305	132	202
All other	12	—	4	3	4	1,037	—	750	—	229	—	39	19
	246	2	82	29	100	20,218	12,000	300	—	6,595	530	355	438
<b>Animals.</b>													
<b>DRAFT ANIMALS.</b>													
Bites	8	—	1	2	4	92	—	—	—	28	39	8	17
Kicks and stepped on	82	—	38	9	15	4,249	—	—	—	3,832	159	178	80
Runaways	12	—	8	1	1	545	—	—	—	504	19	9	13
All other	54	1	23	6	7	8,027	6,000	—	—	1,766	102	79	80
All other animals	57	1	8	7	5	6,980	6,000	300	—	332	137	52	159
Insects	33	—	4	4	3	325	—	—	—	133	74	29	89
	2,030	15	546	231	226	156,447	90,000	21,900	—	33,495	4,236	2,523	4,293
<b>Miscellaneous Causes.</b>													
Cold, including frostbites	15	—	6	3	4	383	—	—	—	284	52	23	24
Compressed air (not explosions)	11	1	5	1	—	6,622	6,000	—	—	591	16	—	15
Doors, windows, covers and gate exclusive of elevators	472	—	156	75	57	16,689	—	5,700	—	8,244	1,385	658	702
Drenching, not drowning	3	—	1	2	—	130	—	—	—	96	34	—	—
Flying particles, not specified	295	—	34	32	25	11,952	—	9,000	—	1,314	576	280	782
Heat prostration and sunstroke	45	3	9	1	5	18,799	18,000	—	—	606	20	59	114
Lightning	1	—	—	—	—	2	—	—	—	—	—	—	—
Violence of co-employee.	5	—	2	—	—	91	—	—	—	83	—	—	8
Violence, all other	92	2	33	7	11	17,008	12,000	1,800	—	2,798	133	104	173
Wrestling, sparring and horseplay	7	—	4	—	2	218	—	—	—	201	—	8	9
All other	1,081	7	296	110	125	72,551	42,000	5,400	—	19,278	2,020	1,391	2,462
Asphyxiation	3	2	—	—	1	12,002	12,000	—	—	—	—	—	—



Occupational Diseases.															
	954	13	20	477	108	109	227	135,669	78,000		13,200	40,142	1,985	1,245	1,097
All other	148	2	—	60	19	13	54	16,322	12,000	—	—	3,582	343	148	249
Anthrax	6	—	1	5	—	—	—	2,281	—	—	—	—	—	—	—
Dermatitis	414	—	—	265	43	41	65	22,248	—	—	1,800	481	—	—	—
Eczema	10	—	—	9	—	—	1	357	—	—	—	20,658	797	461	332
Lead poisoning	35	1	—	32	1	—	1	10,475	6,000	—	—	954	—	—	—
Poison ivy	189	1	—	68	36	40	45	4,087	—	—	—	4,456	16	—	3
Tuberculosis (including stone cutter's consumption)	31	5	16	10	—	—	—	43,396	30,000	—	—	2,727	657	469	234
Gas	88	2	2	18	8	10	48	16,066	12,000	—	9,600	3,796	—	—	—
Benzol	3	1	1	1	—	—	—	6,809	6,000	—	1,200	2,392	151	108	215
Carbon monoxide gas	30	2	—	9	1	5	13	13,028	12,000	—	600	209	—	—	—
Grand total	42,067	222	7	864	17,215	5,194	4,914	13,651	3,442,083	42,000	645,500	1,208,260	98,144	56,812	59,367

TABLE XI.—*Machinery—Frequency of Injuries, by Manner of Occurrence and by Part of Machine, July 1, 1931, to June 30, 1932.*

MANNER OF OCCURRENCE.	Total.	PART OF MACHINE ON WHICH ACCIDENT OCCURRED.							
		Point of Operation.	Belts.	Cranks or Eccentrics.	Flywheels.	Gears.	Set Screws, Keys and Bolts.	Counter- weights.	All other.
Adjusting machine, tool or work . . . . .	300	174	46	—	5	24	1	1	49
Starting, stopping or operating machine . . . . .	2,368	2,193	42	15	4	28	1	—	85
Cleaning or oiling machine . . . . .	270	126	23	3	—	29	—	—	89
Repairing machine . . . . .	79	33	16	1	—	6	2	—	23
Breaking of machine tool, or work . . . . .	175	105	22	1	1	2	—	2	43
Flying objects . . . . .	418	375	4	1	1	—	—	—	37
All other . . . . .	1,275	96	18	1	—	17	—	—	1,143
Grand total . . . . .	4,885	3,102	171	21	11	106	2	3	1,469



TABLE XII. — Study showing Condition of Dependents in Uninsured Fatal Cases, July 1, 1931, to June 30, 1932.

Industries.	Occupation.	Age.	Wage.	Amount payable in Analogous Cases.	Dependents.	Settlement.	Financial Condition.
Steam railroad	Fireman	50	\$38 85	\$4,000 00	Widow	\$3,000 00	Good financial circumstances.
Steam railroad	Yard helper	31	39 72	4,000 00	Widow	3,000 00	Fair financial condition.
Saw mill	Marker	19	24 00	250 00	None	—	Single man, no dependents. Settlement made with mother, amount unknown.
Telephone and telegraph	Line foreman	31	57 00	250 00	None	—	Single man, no dependents.
Telephone and telegraph	Lineman	37	38 00	5,600 00	Widow and two children	—	Very good financial condition.
Wholesale and retail trade	Station attendant	48	30 00	4,800 00	Widow and one child	—	Very poor financial circumstances.
Garage	Night-man	55	21 00	4,800 00	Widow and one child	—	Very poor financial circumstances.
Steam railroad	Freight trainman	55	37 50	250 00	None	—	Single man, no dependents.
Steam railroad	Track laborer	38	16 00	4,000 00	Three children	—	Fair financial circumstances.
Steam railroad	Carpenter	34	31 92	4,800 00	Widow and one child	—	Very poor financial circumstances. Suit pending.
Manufacturing of fire-works	Laborer	37	36 00	5,600 00	Widow and two children	—	Very poor financial circumstances. Suit pending.
Crushing stone	Repair-man	22	31 00	4,000 00	Widow	—	Suit pending. Very poor financial condition.
Lumber	Laborer	34	24 00	4,000 00	Widow	—	Very poor financial circumstances.
Automobile wrecker	Laborer	28	18 00	250 00	None	—	Single man, no dependents.
Steam railroad	Clerk	64	28 14	250 00	None	—	Widower, no dependents.
Steam railroad	Crossing tender	62	19 20	4,000 00	Widow	—	Fair financial condition. Suit pending.
Street railway	Car operator	56	36 48	4,000 00	Widow	2,000 00	Good financial circumstances.
Steam railroad	Fireman	42	31 13	5,600 00	Widow and two children	—	Poor financial condition. Suit pending.
Telephone and telegraph	Combination installer	39	43 50	4,000 00	Mother	5,250 00	No information available.
Laundry	Engineer	37	30 00	4,000 00	Widow	—	Employer is in poor financial condition and may fail. Widow's financial condition fair.
Steam railroad	Yard helper	57	35 75	250 00	None	—	Widower, no dependents.
Telephone and telegraph	Lineman	36	38 00	3,000 00	Parents	5,000 00	Single man, parents partially dependent.
Granite cutting	Master mechanic	45	40 00	6,400 00	Widow and six children	4,000 00	Employer has agreed to pay twenty dollars (\$20) a week until a total of four thousand dollars (\$4,000) has been paid.
Hospital	Houseman	64	20 18	250 00	None	—	Single man. No dependents.
Steam railroad	Asst. signal maintainer	48	36 79	4,800 00	Widow and one child	—	Railroad denied liability. Fair financial circumstances.
Steam railroad	Engineer	57	40 00	4,000 00	Widow	—	No further information available.
Steam railroad	Boilermaker	36	38 42	6,400 00	Widow and three children	—	Very poor financial circumstances. Suit pending.
Manufacturing of machinery	General work..	25	21 00	6,400 00	Widow and three children	4,000 00	Fair financial circumstances.

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1930, to June 30, 1931.*

INDUSTRIES.	CONJUGAL CONDITION.				DEPENDENCY.			
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.		NUMBER OF PERSONS.	
					Whole De-pendency.	Partial De-pendency.	Whole De-pendency.	Partial De-pendency.
<b>Agriculture, Forestry and Animal Husbandry</b>	4	3	—	—	3	3	8	4
Agriculture . . . . .	1	2	—	—	2	1	7	1
Forestry . . . . .	2	—	—	—	—	2	—	3
Ice harvesting . . . . .	1	1	—	—	1	—	1	—
<b>Extraction of Minerals.</b>	—	4	—	—	4	—	11	—
Quarrying . . . . .	—	4	—	—	4	—	11	—
<b>Building Trades.</b>	4	10	1	—	10	3	27	3
Hand trades . . . . .	4	10	1	—	10	3	27	3
<b>Chemical and Allied Products.</b>	—	3	—	—	3	—	5	—
Powder, cartridges, fireworks, etc., makers . . . . .	—	1	—	—	1	—	2	—
Other chemical workers . . . . .	—	2	—	—	2	—	3	—
<b>Clay, Glass and Stone Products.</b>	—	2	—	—	2	—	2	—
Marble and stone cutters . . . . .	—	2	—	—	2	—	2	—
<b>Food and Kindred Products.</b>	1	6	—	—	6	1	17	1
Bakeries, bread and other bakery products . . . . .	—	3	—	—	3	—	5	—
Butter and cheese makers . . . . .	1	—	—	—	—	1	—	1
Slaughtering and packing houses . . . . .	—	3	—	—	3	—	12	—
<b>Iron and Steel and Their Products.</b>	2	9	—	—	9	1	24	1
Automobile factories . . . . .	1	—	—	—	—	—	—	—
Foundries and metal working, tools . . . . .	1	5	—	—	5	1	18	1
Ship and boat building . . . . .	—	1	—	—	1	—	2	—
Other iron and steel workers . . . . .	—	3	—	—	3	—	4	—
<b>Leather and Its Finished Products.</b>	—	6	—	—	6	—	17	—
Shoes . . . . .	—	3	—	—	3	—	6	—
Tanneries . . . . .	—	3	—	—	3	—	11	—
<b>Lumber and Its Re-manufacture.</b>	2	3	—	—	3	1	—	—
Saw and planing mills . . . . .	1	1	—	—	1	—	—	—
Other wood workers . . . . .	1	2	—	—	2	1	—	—

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, etc.* — Concluded.

INDUSTRIES.	CONJUGAL CONDITION.			DEPENDENCY.			
	Single.	Married.	Widowed, Divorced.	NUMBER OF CASES.			NUMBER OF PERSONS.
				Whole De- pendency.	Partial De- pendency.	No De- pendency.	
<b>Metal and Metal Products Other Than Iron and Steel.</b>	1	—	—	—	1	—	1
Other metal workers . . . . .	1	—	—	—	1	—	1
<b>Paper.</b>	—	6	—	6	—	12	—
Paper and pulp mills . . . . .	—	4	—	4	—	10	—
Pulp mills . . . . .	—	1	—	1	—	1	—
Other paper goods . . . . .	—	1	—	1	—	1	—
<b>Textiles.</b>	1	5	1	5	—	16	—
Cotton mills . . . . .	—	1	—	1	—	4	—
Dyeing and finishing textiles . . . . .	—	1	—	1	—	—	—
Knitting mills . . . . .	1	—	—	—	—	—	—
Woolen mills . . . . .	—	1	—	1	—	5	—
Not specified textile workers . . . . .	—	2	1	2	—	5	—
<b>Miscellaneous Industries.</b>	9	17	2	19	5	53	7
Cigars and tobacco . . . . .	—	1	—	1	—	2	—
Electric light and power companies . . . . .	—	8	1	9	2	27	2
Electrical supplies . . . . .	4	4	1	4	1	14	2
Gas works . . . . .	1	—	—	2	—	5	—
Oil works . . . . .	—	2	—	1	—	2	—
Rubber factories . . . . .	—	1	—	1	—	1	—
Other miscellaneous industries and occupations . . . . .	2	1	—	1	2	2	3
<b>Transportation, Road, Etc.</b>	8	38	8	42	4	98	8
Road, street, bridge, construction of . . . . .	4	18	4	20	2	57	2
Truck, transfer, cab and hack companies, garages, . . . . .	—	10	—	11	—	20	1
Street railways . . . . .	2	3	1	3	1	4	5
Steam railroads . . . . .	2	3	—	8	—	17	—
<b>Express Companies</b>	—	1	—	1	—	2	—
Express companies . . . . .	—	1	—	1	—	2	—
<b>Telephone and Telegraph.</b>	3	1	—	1	—	3	—
Telephone and telegraph . . . . .	3	1	—	1	—	3	—

Other Persons in Transportation.									
Other persons in transportation	.	.	.	.	.	.	.	.	.
	3	3	-	-	-	-	-	-	-
Trade.									
Real estate	.	.	.	.	.	.	.	.	.
Wholesale and retail trade	.	.	.	.	.	.	.	.	.
Elevators	.	.	.	.	.	.	.	.	.
Warehouses and cold storage plants	.	.	.	.	.	.	.	.	.
Professional service	.	.	.	.	.	.	.	.	.
Domestic and Personal Service.	.	.	.	.	.	.	.	.	.
Occupations not in industries	.	.	.	.	.	.	.	.	.
Laundry and laundry work	.	.	.	.	.	.	.	.	.
Grand Total	161	24	37	30	374	30	37	30	30























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## **The Commonwealth of Massachusetts**

DEPARTMENT OF INDUSTRIAL ACCIDENTS.  
Room 272, State House, Boston, June 1, 1934

*To the Honorable Senate and House of Representatives:*

The Department of Industrial Accidents has the honor to transmit herewith its twenty-first annual report.

Respectfully,

### INDUSTRIAL ACCIDENT BOARD

JOSEPH A. PARKS, *Chairman*

ALFRED B. CENEDELLA

CHESTER E. GLEASON

DANIEL J. SULLIVAN

EMMA S. TOUSANT

JAMES FARRELL

EDWARD E. CLARK

EDWARD P. DOYLE, *Secretary.*

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## TWENTY-FIRST ANNUAL REPORT

OF THE

# Department of Industrial Accidents

### INTRODUCTION

The Department of Industrial Accidents presents herewith its twenty-first annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year July 1, 1932 to June 30, 1933.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1932, shows that there was a decided decrease in the number of injuries reported to the Board and a corresponding decrease in the number of tabulatable injuries, from 34 per cent in 1932 to 33 per cent in 1933. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was less by 900,756 days than for the previous year. This decrease may be accounted for, in part, by the fact that there were 10,298 tabulatable injuries less than in 1932.

A synopsis of the subjects covered in the current report follows:

*The Twenty-first Year of the Act.*—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

*Summary of Accident Experience.*—This chapter explains the various tables found in the Appendix, with a brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

*Dependency in Fatal Cases not Insured under the Act.*—This chapter deals with facts with particular reference to the condition of dependents in fatal cases where the injured employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

*Medical Division.*—A brief summary of the work of this division with some statistical data for the past year.

## THE TWENTY-FIRST YEAR OF THE ACT

There were 96,144 accident reports filed with the Department of Industrial Accidents during the year July 1, 1932 to June 30, 1933. Of these, 31,769 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 162 of these cases, 8 involved permanent total disability, 602 were of a permanent partial nature, and 30,997 were temporary totals.

There was a decrease in the number of reported injuries from 123,517 in 1932 to 96,144 in 1933, and a corresponding decrease in the number of tabulatable injuries, from 42,067 in 1932 to 31,769 in 1933.

The reports from insurance companies show that the payments made and to be made on account of injuries occurring in this period total \$5,856,868.43, and are classified as follows: medical, \$1,892,595.46; fatal compensation, \$473,542.18; and non-fatal compensation, \$3,490,730.79.

The weighted time loss charged to all injuries is 2,541,327 days, distributed as follows: temporary total disability, 42.2 per cent; deaths, 38.2 per cent; permanent partial disability, 17.7 per cent; and permanent total disability, 1.9 per cent.

There were 162 fatals this year, a decrease of 60 cases in comparison with the year ending June 30, 1932. Total dependency was involved in 133 of these cases, 316 persons being so dependent. In 16 cases, dependency was partial, the dependents numbering 18. In the remaining 13 cases, there was no dependency. There were 144 cases or 88.9 per cent insured.

## SUMMARY OF ACCIDENT EXPERIENCE

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED.

The statistics of the Board show that 96.2 per cent, or 30,562 of the tabulatable injuries were insured under the provisions of the Act and that 3.8 per cent, or 1,207 cases were not insured. This is a slight decrease in the percentage of insured cases as compared with last year when 96.3 per cent were insured.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, towns and districts which have accepted the provisions of chapter 807, Acts of 1913. During the year ending June 30, 1933 a total payment of \$5,856,868.43 was reported. This is \$1,963,175.11 less than in 1932.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts which have accepted St. 1916, c. 807, (now G. L. Ch. 152, ss. 69-75), the sum of \$306,432.05. During the year ending June 30, 1932, the compensation agents of the Commonwealth and the different counties, cities, towns and districts

reported the payment of compensation and medical in the sum of \$331,654.58.

The average cost per case, including compensation and medical benefits, paid and outstanding, in all cases in which such payments were made whether tabulatable or not, was \$74.07 as compared with an average cost per case of \$81.58 in 1932.

### *Insurance Payments Made and Outstanding*

TYPE OF PAYMENT.	Amount.	Per Cent.
Medical, for all cases . . . . .	\$1,892,595.46	32.3
Fatal, dependency compensation . . . . .	473,542.18	8.1
Non-fatal, disability compensation . . . . .	3,490,730.79	59.6
Totals . . . . .	\$5,856,868.43	100.0

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

### *Average Cost per Specified Case.*

TYPE OF PAYMENT.	Number of Cases.	Average Cost.
Medical, for all cases . . . . .	79,068	\$ 23.93
Fatal, dependency compensation . . . . .	137	3,456.51
Non-fatal, disability compensation . . . . .	20,635	169.16

TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

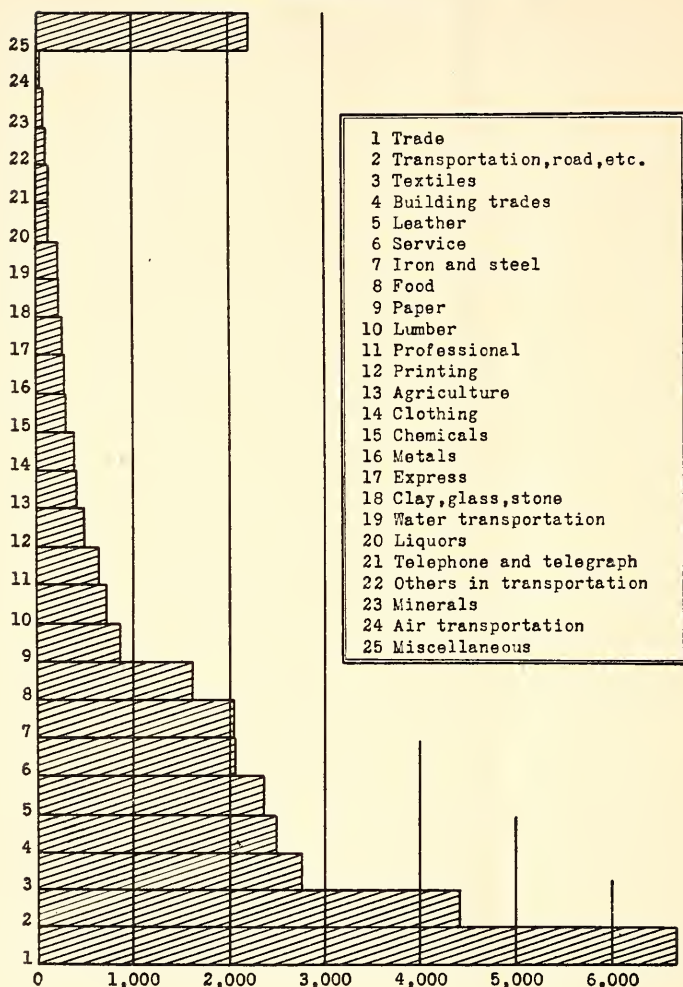
Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

### *Extent of Total Tabulatable Injuries.*

EXTENT OF DISABILITY.	Number of Cases.	Per Cent.
Deaths . . . . .	162	.5
Permanent total disabilities . . . . .	8	. <sup>1</sup>
Permanent partial disabilities . . . . .	602	1.9
Temporary total disabilities . . . . .	30,997	97.5
Totals . . . . .	31,769	100.0

<sup>1</sup> Less than one-tenth of one per cent.

NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIESJuly 1, 1932 - June 30, 1933

The following table is a summary of the duration of disability in all cases in this classification:

*Duration of Temporary Total Disabilities.*

DISABILITY PERIOD.	Number of Cases.	Per Cent.
1 to 3 days . . . . .	4,158	13.4
4 to 7 days . . . . .	5,911	19.1
1 to 2 weeks . . . . .	3,908	12.6
2 to 3 weeks . . . . .	3,960	12.8
3 to 4 weeks . . . . .	2,830	9.1
4 to 8 weeks . . . . .	5,766	18.6
8 to 13 weeks . . . . .	2,285	7.4
13 to 26 weeks . . . . .	1,207	3.9
26 to 52 weeks . . . . .	717	2.3
Over 1 year . . . . .	255	.8
Totals . . . . .	30,997	100.0



It should be noted that in 10,069 cases, or 32.5 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

*Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution.*

INDUSTRIES.	TOTALS.		DEATHS.		PERMANENT TOTAL DISABILITIES.		PERMANENT PARTIAL DISABILITIES.		TEMPORARY TOTAL DISABILITIES.	
	Num-ber	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Trade . . . . .	6,681	21.0	25	15.5	1	12.5	55	9.1	6,600	21.3
Transportation, road . . . . .	4,390	13.8	45	27.8	2	25.0	44	7.3	4,299	13.9
Textiles . . . . .	2,752	8.7	7	4.3	1	12.5	77	12.8	2,667	8.6
Building trades . . . . .	2,490	7.8	15	9.3	2	25.0	37	6.1	2,436	7.9
Leather . . . . .	2,351	7.4	5	3.1	—	—	59	9.8	2,287	7.4
Miscellaneous . . . . .	2,214	7.0	13	8.0	—	—	57	9.5	2,144	6.9
Service . . . . .	2,045	6.4	7	4.3	—	—	25	4.2	2,013	6.5
Iron and steel . . . . .	2,021	6.4	14	8.6	—	—	63	11.3	1,939	6.3
Food . . . . .	1,620	5.1	8	5.0	1	12.5	27	4.5	1,584	5.1
Paper . . . . .	875	2.7	5	3.1	—	—	29	4.8	841	2.7
Lumber . . . . .	726	2.3	1	.6	—	—	51	8.5	674	2.2
Professional . . . . .	665	2.1	4	2.5	1	12.5	12	2.0	648	2.1
Printing, bookbinding . . . . .	503	1.6	1	.6	—	—	7	1.2	495	1.6
Agriculture . . . . .	411	1.3	1	.6	—	—	5	.8	405	1.3
Clothing . . . . .	386	1.2	—	—	—	—	2	.3	384	1.2
Chemicals . . . . .	296	.9	1	.6	—	—	8	1.3	287	.9
Metals . . . . .	275	.9	1	.6	—	—	18	3.0	256	.8
Express . . . . .	256	.8	—	—	—	—	—	—	256	.8
Water transportation . . . . .	217	.7	1	.6	—	—	—	—	216	.7
Clay, glass, stone . . . . .	217	.7	3	1.9	—	—	15	2.5	199	.6
Liquors . . . . .	111	.3	1	.6	—	—	2	.3	108	.3
Telephone, telegraph . . . . .	103	.3	1	.6	—	—	—	—	102	.3
Others in transportation . . . . .	97	.3	1	.6	—	—	—	—	96	.3
Minerals . . . . .	65	.2	2	1.2	—	—	3	.5	60	.2
Air transportation . . . . .	2	.1	—	—	—	—	1	.2	1	.1
Totals . . . . .	31,769	100.0	162	100.0	8	100.0	602	100.0	30,997	100.0

<sup>1</sup> Less than one-tenth of one per cent.

*Deaths.*—"Transportation, road, etc." had the highest number of deaths, 45, or 27.8 per cent; followed in order by "trade," with 25, or 15.5 per cent; "building trades," with 15, or 9.3 per cent, and the rest as shown.

*Permanent Total Disabilities.*—There were 8 permanent total disabilities this year, distributed as follows: "transportation, road, etc." and "building trades" each had 2, and "trade," "textiles," "food" and "professional service," each had one.

There were two permanent total disabilities in which the injuries resulted in insanity and one case in which the employee sustained an injury to his spinal cord which caused paralysis. This last case involved a man 45 years of age who fell from a staging.

Four of the permanent totals involved men of advanced years. One of these was a man, 85 years of age, who fell and strained his back. The second, 73 years old, fell and fractured his shoulder. The third was 71 years old, and sustained an injury to the tendons and muscles of his forearm. The fourth, 67 years of age, an orderly in a hospital, sustained a severe heart strain while trying to restrain a patient.

There was, also, a case in which the employee received injuries to his head and neck, which aggravated an existing arterio sclerosis.

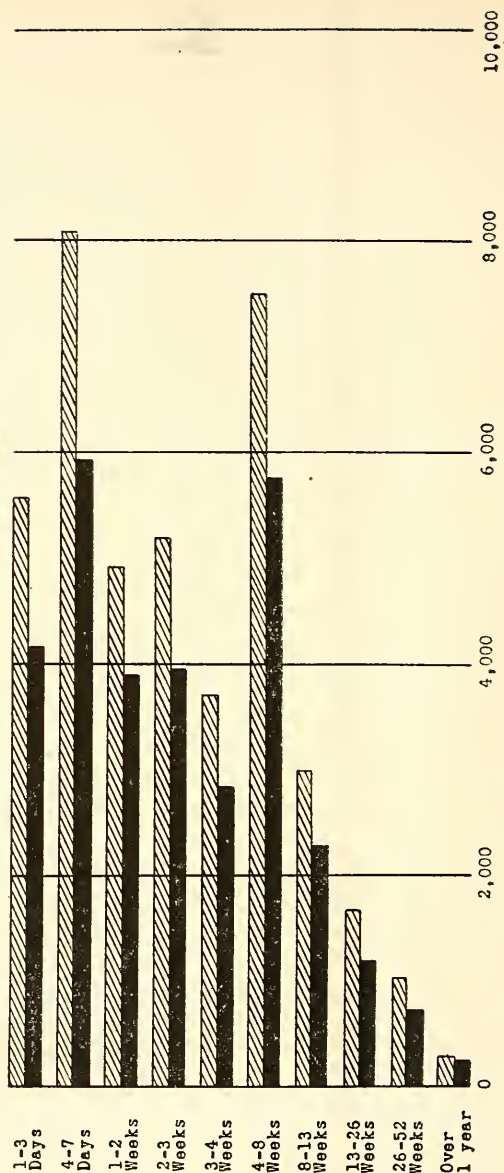
*Permanent Partial Disabilities.*—"Textiles" had the highest frequency with 77 cases or 12.8 per cent; "iron and steel," with 68, or 11.3 per cent and "leather," with 59, or 9.8 per cent.

The original definition of this type of case included all injuries



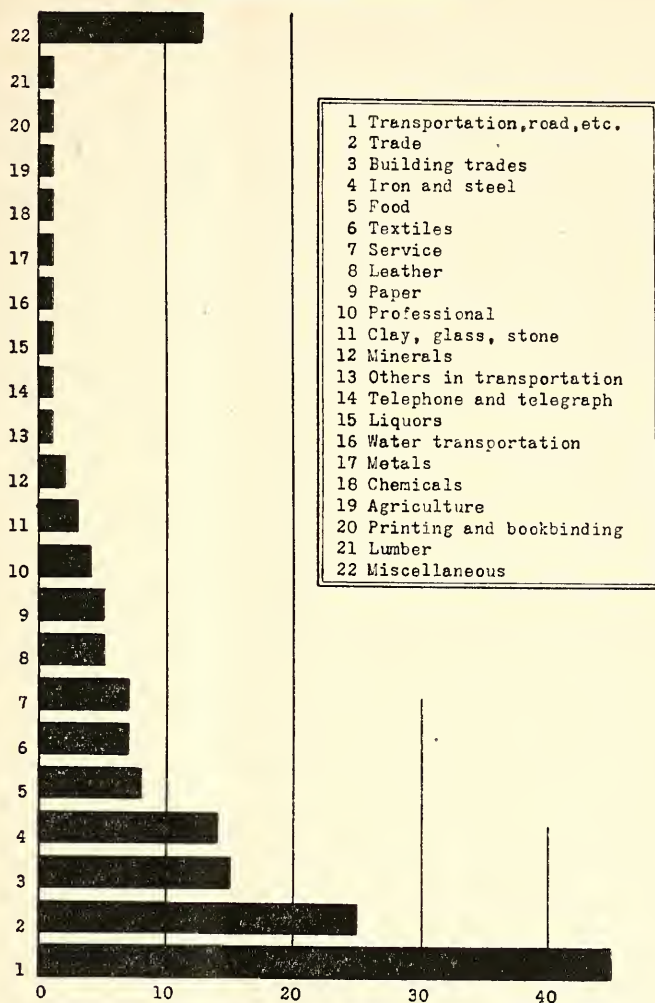
# DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY

Comparison of year ending  
June 30, 1932 with year ending June 30, 1933



less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition. Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of the definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

NUMBER OF FATAL INJURIES BY INDUSTRIESJuly 1, 1932 - June 30, 1933

*Temporary Total Disabilities.*—The frequency order of this group of injuries occurred as printed.

TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life

expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

*Severity of Total Tabulatable Injuries, by Industries and Extent of Disability.*

INDUSTRIES.	Totals.	Deaths.	Per- manent Total Disabil- ities.	Per- manent Partial Disabil- ities.	Tem- porary Total Disabil- ities.
Transportation, road	492,652	270,000	12,000	45,150	165,502
Trade	392,308	150,000	6,000	32,550	203,758
Building trades	271,336	90,000	12,000	37,200	132,136
Miscellaneous	199,997	78,000	—	49,650	72,347
Iron and steel	191,850	84,000	—	35,550	72,300
Textiles	190,189	42,000	6,000	55,450	86,739
Leather	151,385	30,000	—	48,500	72,885
Service	123,119	42,000	—	17,750	63,359
Food	120,298	48,000	6,000	17,100	49,198
Paper	78,730	30,000	—	22,050	26,680
Lumber	65,687	6,000	—	37,650	22,037
Professional	56,198	24,000	6,000	8,250	17,948
Clay, glass, stone	35,524	18,000	—	9,300	8,224
Printing, bookbinding	25,425	6,000	—	5,100	14,325
Agriculture	24,395	6,000	—	4,650	13,745
Chemicals	23,439	6,000	—	7,950	9,489
Minerals	20,066	12,000	—	6,000	2,066
Metals	19,632	6,000	—	6,000	7,632
Water transportation	13,988	6,000	—	—	7,988
Clothing	12,553	—	—	1,800	10,753
Liquors	9,744	6,000	—	600	3,144
Others in transportation	9,483	6,000	—	—	3,483
Telephone and telegraph	7,997	6,000	—	—	1,997
Express	5,028	—	—	—	5,028
Air transportation	304	—	—	300	4
Totals	2,541,327	972,000	48,000	448,550	1,072,777

*Percentage Distribution of Lost Days and Average Days Per Case, by Industries.*

INDUSTRIES.	Per Cent of Total.	Average Days per Case.
Transportation, road, etc.	19.4	112
Trade	15.4	59
Building trades	10.7	109
Miscellaneous industries	7.9	90
Iron and steel	7.5	95
Textiles	7.5	69
Leather	5.9	64
Service	4.8	60
Food	4.7	74
Paper	3.1	90
Lumber	2.6	90
Professional service	2.2	84
Clay, glass, and stone	1.4	163
Agriculture	1.0	59
Printing and bookbinding	1.0	50
Chemicals	.9	79
Minerals	.8	308
Metals	.8	71
Clothing	.5	32
Water transportation	.5	64
Liquors	.4	88
Others in transportation	.4	98
Telephone and telegraph	.3	78
Express	.2	19
Air transportation	.1	152
Totals	100.0	80

<sup>1</sup> Less than one-tenth of one per cent

A study of the above table indicates that the industry "minerals" contained the injuries which were of the most severe character, the average days lost per case being 308. However, it should be noted that there were only 65 cases in this industry classification, 2 being fatals for which a weighted time loss of 12,000 days is given and 3 permanent partials with a weighted time loss of 6,000 days.

The industry "liquor and beverages" showed an average time loss of 88 days as compared with 38 days per case in 1932. This may be accounted for by the fact that there was 1 fatal in 1933 and none in 1932.

### *Distributed Severity of Injuries.*

EXTENT OF DISABILITY.		Days Lost.	Per Cent.
Deaths	.	972,000	38.2
Permanent total disabilities	.	48,000	1.9
Permanent partial disabilities	.	448,550	17.7
Temporary total disabilities	.	1,072,777	42.2
Totals	.	2,541,327	100.0

The above table indicates that under the weighted system used, deaths cover 38.2 per cent of the total time loss, although only 162 out of a total total of 31,769 cases were fatal.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

*Sex of Injured.*—The following table indicates that from a total of 31,769 cases, 89.2 per cent occurred among males and 3,432 or 10.8 per cent occurred among females. The experience according to the extent of disability is here shown.

### *Extent of Injury, by Sex.*

EXTENT OF DISABILITY.	MALES.		FEMALES.	
	Number of Cases.	Per Cent.	Number of Cases.	Per Cent.
Deaths	157	.5	5	.2
Permanent total disabilities	8	.1	—	—
Permanent partial disabilities	560	2.0	42	1.2
Temporary total disabilities	27,612	97.4	3,385	98.6
Totals	28,337	100.0	3,432	100.0

<sup>1</sup> Less than one-tenth of one per cent

An analysis of the above table shows that males sustained 96.9 per cent of the fatal injuries, and that .5 per cent of the total injuries to them were fatal. The fatal injuries to women were .2 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

*Age.*—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

### *Distribution of Total Tabulatable Injuries, by Age Periods.*

AGE PERIODS (YEARS).	Number of Cases.	Per Cent.
14 and under	23	.1
15	64	.2
16	181	.6
17	340	1.1
18	618	1.9
19	802	2.5
20 to 24, inclusive	4,838	15.2
25 to 29, inclusive	4,689	14.8
30 to 34, inclusive	4,208	13.2
35 to 39, inclusive	4,049	12.7
40 to 44, inclusive	3,627	11.4
45 to 49, inclusive	2,879	9.1
50 to 54, inclusive	2,182	6.9
55 to 59, inclusive	1,492	4.7
60 to 64, inclusive	998	3.1
65 and over	779	2.5
Totals	31,769	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

*Distribution of Tabulatable Injuries, by Wage Groups.*

WAGE GROUPS	Number of Cases.	Per Cent of Total.	Cumulative Per Cent.
Under \$10.00 . . . . .	2,145	6.8	6.8
\$10.00 to \$10.99 . . . . .	1,040	3.3	10.1
\$11.00 to \$11.99 . . . . .	630	2.0	12.1
\$12.00 to \$12.99 . . . . .	1,549	4.9	17.0
\$13.00 to \$13.99 . . . . .	832	2.6	19.6
\$14.00 to \$14.99 . . . . .	950	3.0	22.6
\$15.00 to \$15.99 . . . . .	1,795	5.7	28.3
\$16.00 to \$16.99 . . . . .	1,128	3.6	31.9
\$17.00 to \$17.99 . . . . .	937	2.9	34.8
\$18.00 to \$18.99 . . . . .	1,816	5.7	40.5
\$19.00 to \$19.99 . . . . .	911	2.9	43.4
\$20.00 to \$20.99 . . . . .	1,956	6.2	49.6
\$21.00 to \$21.99 . . . . .	989	3.1	52.7
\$22.00 to \$22.99 . . . . .	1,111	3.5	56.2
\$23.00 to \$23.99 . . . . .	702	2.2	58.4
\$24.00 to \$24.99 . . . . .	1,424	4.5	62.9
\$25.00 to \$25.99 . . . . .	2,077	6.5	69.4
\$26.00 to \$26.99 . . . . .	559	1.8	71.2
\$27.00 to \$27.99 . . . . .	1,094	3.4	74.6
\$28.00 to \$28.99 . . . . .	881	2.8	77.4
\$29.00 to \$29.99 . . . . .	388	1.2	78.6
\$30.00 to \$30.99 . . . . .	1,825	5.7	84.3
\$31.00 to \$31.99 . . . . .	355	1.1	85.4
\$32.00 to \$32.99 . . . . .	487	1.5	86.9
\$33.00 to \$33.99 . . . . .	324	1.0	87.9
\$34.00 to \$34.99 . . . . .	238	.7	88.6
\$35.00 and over . . . . .	3,626	11.4	100.0
Totals . . . . .	31,769	100.0	

This year as well as last, the group of "\$35.00 and over," is the largest with 3,626 cases or 11.4 per cent of the total. This is, however, 6.7 per cent less than last year and 11.7 per cent less than for the year ending June 30, 1930.

There was a corresponding increase, from 3.1 per cent in 1932 to 6.8 per cent in 1933, in the number of employees who were receiving less than \$10.00 a week. During the year ending June 30, 1930, this group was only 1.4 per cent of the total.

The number of cases in which the employees received the maximum weekly compensation of \$18.00 a week decreased from 42.5 per cent in 1932 to 28.8 per cent in 1933.

TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY.

*Distribution of Tabulatable Injuries, by Location of Injury.*

LOCATION OF INJURY.	Number of Cases.	Per Cent.
Upper extremities . . . . .	12,959	40.8
Lower extremities . . . . .	8,259	26.0
Trunk . . . . .	6,890	21.7
Head . . . . .	1,763	5.5
Face and neck . . . . .	946	3.0
Body . . . . .	952	3.0
Totals . . . . .	31,769	100.0

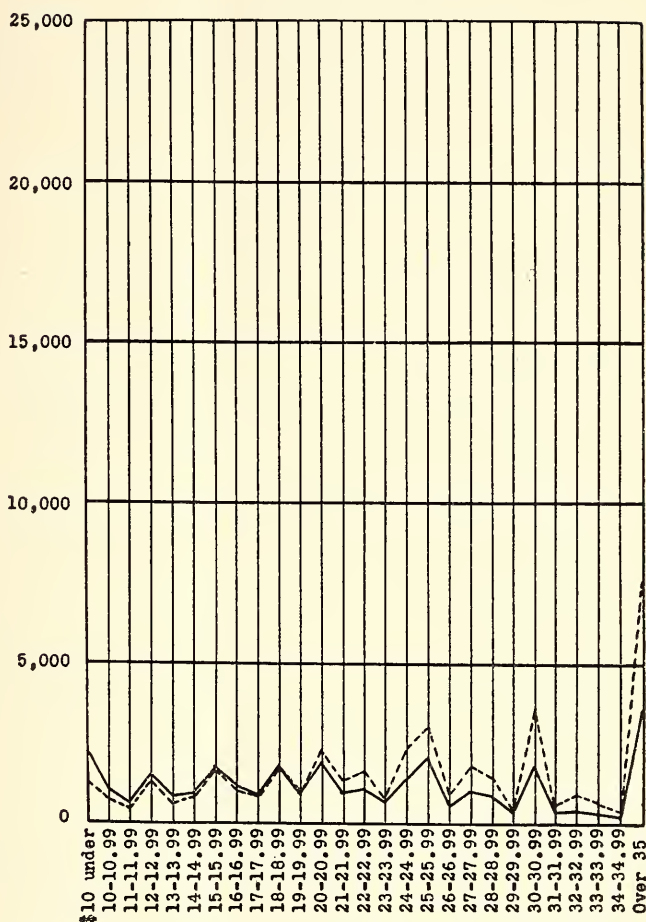
It will be observed that of a total of 31,769 injuries, 12,959 or 40.8 per cent affected the upper extremities.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by location and nature of injury, will prove of interest.



NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUP

Comparison of year ending  
June 30, 1932 with year ending June 30, 1933

*Distribution of Tabulatable Injuries, by Location and Nature of Injury*

NATURE OF INJURY.	Head.	Face and Neck.	Trunk	Upper Extremities.	Lower Extremities.	Body.	Totals
Cuts, punctures, etc. . . . .	566	344	59	6,641	1,479	17	9,106
Sprains and strains . . . . .	4	36	5,046	1,144	2,039	43	8,312
Abrasions, bruises, etc. . . . .	233	120	778	1,730	2,531	269	5,581
All other . . . . .	657	92	626	871	856	358	3,460
Fractures . . . . .	60	48	378	1,062	1,081	-	2,609
Burns and scalds . . . . .	144	219	30	636	195	45	1,269
Occupational diseases . . . . .	9	87	4	316	17	265	698
Amputations, loss of use . . . . .	46	-	-	472	23	-	541
Dislocations . . . . .	-	-	8	87	38	-	133
Concussions . . . . .	44	-	1	-	-	-	45
Electric shocks . . . . .	-	-	-	-	-	15	15
Totals . . . . .	1,763	946	6,890	12,959	8,259	952	31,769



TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

*Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution.*

NATURE OF INJURY.	Totals.	Per Cent.	Deaths.	Per- manent Total Disabili- ties.	Per- manent Partial Disabili- ties.	Tem- porary Total Disabili- ties.
Cuts, punctures, etc. . . . .	9,106	28.6	6	1	3	9,096
Sprains and strains . . . . .	8,312	26.2	8	1	5	8,298
Abrasions, bruises, etc. . . . .	5,581	17.6	6	1	1	5,573
All other . . . . .	3,460	10.9	56	2	5	3,397
Fractures . . . . .	2,609	8.2	40	1	25	2,543
Burns and scalds . . . . .	1,269	4.0	15	—	1	1,253
Occupational diseases . . . . .	698	2.2	16	—	21	661
Amputations, loss of use . . . . .	541	1.7	4	—	537	—
Dislocations . . . . .	133	.4	—	—	2	131
Concussions . . . . .	45	.1	3	2	2	38
Electric shocks . . . . .	15	— <sup>1</sup>	8	—	—	7
Totals . . . . .	31,769	100.0	162	8	602	30,997

<sup>1</sup> Less than one-tenth of one per cent

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

A comparison of the statistics of infections shows that there were 1,119 less cases than in 1932. Experience of the Board shows that for the past four years, one out of every ten tabulatable injuries resulted in an infection. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

*Infection, by Nature of Injury and Extent of Disability.*

NATURE OF INJURY.	Totals.	Deaths.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Cuts, punctures, lacerations . . . . .	2,013	6	1	2,006
Abrasions, bruises, contusions . . . . .	432	3	—	429
All other . . . . .	420	1	2	417
Burns and scalds . . . . .	80	—	—	80
Amputations, loss of use . . . . .	31	—	31	—
Fractures . . . . .	6	2	—	4
Sprains and strains . . . . .	3	—	1	2
Totals . . . . .	2,985	12	35	2,938

According to the above table 2,985 cases of infection ensued from injuries. This is 9.4 per cent of the total tabulatable injuries.

TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

*Total Tabulatable Injuries, by Cause of Injury and Extent of Disability.*

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	9,484	15	1	85	9,383
Falls of persons . . . . .	5,870	21	4	27	5,818
Machinery . . . . .	4,184	10	—	365	3,809
Hand tools . . . . .	2,476	3	1	41	2,431
Vehicles . . . . .	2,453	49	—	19	2,385
Stepping on or striking against objects . . . . .	2,261	4	—	3	2,254
Miscellaneous causes . . . . .	1,537	13	1	15	1,508
Falling objects, not being handled by em- ployee . . . . .	1,339	6	1	15	1,317
Explosions, electricity, etc. . . . .	1,284	24	—	11	1,249
Occupational diseases . . . . .	698	16	—	21	661
Animals . . . . .	183	1	—	—	182
Totals . . . . .	31,769	162	8	602	30,997

The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

In the occupational disease group, there was one case of asbestosis in which the employee was totally disabled for only ten days, although he is still partially disabled.

The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

*Distribution of Causes, by Per Cents.*

CAUSE OF INJURY.	Totals.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	29.9	9.3	12.5	14.1	30.3
Falls of persons . . . . .	18.5	13.0	50.0	4.5	18.8
Machinery . . . . .	13.2	6.2	—	60.6	12.3
Hand tools . . . . .	7.8	1.8	12.5	6.8	7.8
Vehicles . . . . .	7.7	30.2	—	3.2	7.7
Stepping on or striking against objects . . . . .	7.1	2.5	—	.5	7.3
Miscellaneous causes . . . . .	4.8	8.0	12.5	2.5	4.9
Falling objects, not being handled by employee . . . . .	4.2	3.7	12.5	2.5	4.2
Explosions, electricity, etc. . . . .	4.0	14.8	—	1.8	4.0
Occupational diseases . . . . .	2.2	9.9	—	3.5	2.1
Animals . . . . .	.6	.6	—	—	.6
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects," with 29.9 per cent, followed by "falls of persons," with 18.5 per cent.

*Distribution of Causes, by Resultant Days Lost.*

CAUSE OF INJURY.	Totals.	Per Cent.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Temporary Total Disabilities.
Handling of objects . . . . .	455,311	17.9	90,000	6,000	47,400	311,911
Falls of persons . . . . .	442,053	17.4	126,000	24,000	33,300	255,753
Machinery . . . . .	438,900	17.3	60,000	—	245,150	133,750
Vehicles . . . . .	414,321	16.3	294,000	—	22,000	98,321
Explosions, electricity, etc. . . . .	193,156	7.6	144,000	—	14,700	34,456
Occupational diseases . . . . .	146,621	5.6	96,000	—	12,600	38,021
Miscellaneous causes . . . . .	125,932	4.9	78,000	6,000	8,250	33,682
Hand tools . . . . .	124,364	4.9	18,000	6,000	49,650	50,714
Falling objects, not being handled by employee . . . . .	113,240	4.5	36,000	6,000	11,600	59,640
Stepping on or striking against objects . . . . .	74,814	2.9	24,000	—	900	49,914
Animals . . . . .	12,615	.5	6,000	—	—	6,615
Totals . . . . .	2,541,327	100.0	972,000	48,000	448,550	1,072,777

As indicated above, the most serious cause of injury, as measured in terms of time lost, is "handling of objects," with 17.9 per cent of the total. The estimated loss on this account, as shown by the above table, was 455,311 days.

The per centage increase in the number of days lost in the group "occupational diseases" is due, in part, to the fact that there were 16 fatalities this year and only 13 last year, which is a weighted time loss increase of 18,000 days.

*Average Time Loss per Case, by Principal Causes.*

CAUSE OF INJURY.	Average Days per Case.
Occupational diseases . . . . .	210
Vehicles . . . . .	169
Explosions, electricity, etc. . . . .	150
Machinery . . . . .	105
Miscellaneous causes . . . . .	82
Falling objects, not being handled by employee . . . . .	84
Falls of persons . . . . .	75
Animals . . . . .	69
Hand tools . . . . .	50
Handling of objects . . . . .	48
Stepping on or striking against objects . . . . .	33

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

*Machine Accidents, by Manner of Occurrence.*

MANNER OF OCCURRENCE.	Number of Cases.	Per Cent of Total.
Starting, stopping, or operating machine . . . . .	2,024	53.4
All other. . . . .	799	21.1
Adjusting machine, tool, or work . . . . .	301	7.9
Cleaning or oiling machine . . . . .	244	6.4
Flying objects . . . . .	210	5.5
Breaking of machine, tool, or work . . . . .	157	4.2
Repairing machine . . . . .	57	1.5
Totals . . . . .	3,792	100.0

Of the 3,792 machine accidents, 2,024 or 53.4 per cent occurred while "starting, stopping, or operating machine." There were 1,871 of these cases that occurred at the "point of operation."

*Machine Accidents, by Part of Machine.*

PART OF MACHINE.	Number of Cases.	Per Cent of Total.
Point of operation . . . . .	2,635	69.5
All other. . . . .	877	23.1
Belts . . . . .	156	4.1
Gears . . . . .	93	2.5
Cranks and eccentrics . . . . .	16	.4
Flywheels . . . . .	8	.2
Set screws, keys, and bolts . . . . .	4	.1
Counterweights . . . . .	3	.1
Totals . . . . .	3,792	100.0

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES.

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the Act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

DISTRIBUTION OF INJURIES

Comparison of year ending  
June 30, 1932 with year ending June 30, 1933

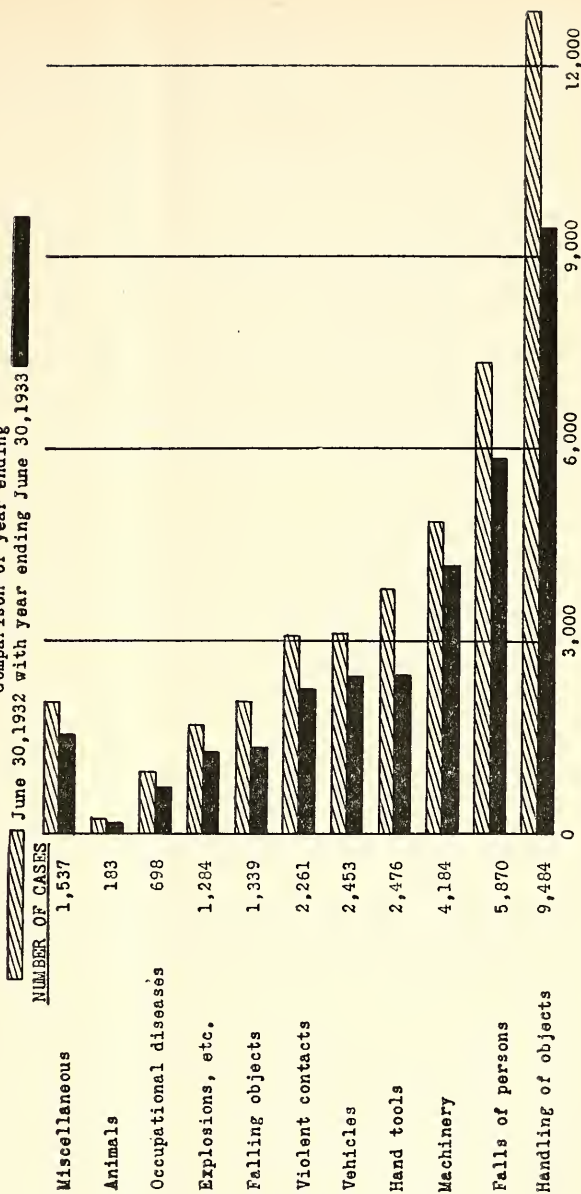




TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of the employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

*Conjugal Condition in Fatal Cases.*

CONDITION.	Number of Cases.	Per Cent.
Single . . . . .	25	15.4
Married . . . . .	125	77.2
Widowed . . . . .	9	5.6
Divorced . . . . .	3	1.8
Totals . . . . .	162	100.0

Of the 125 cases in which the employees were married, 123 involved total dependency, 1 partial dependency, and one no dependency.

There were 25 cases in which the employees were single. Total dependency was involved in 6 cases, partial dependency in 11 cases and in the remaining 8 cases there was no dependency.

In the remaining 12 cases, 9 were widowed and 3 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 537 cases of specific injuries. In 63, or 11.7 per cent, the employees were more than 55 years of age; 1 or .2 per cent, occurred among children under 16 years of age.

The number of injuries to minors decreased from 14 in 1932 to 6 in 1933.

*Specific Injuries.*

TYPE OF INJURY.	Number of Cases.	Per Cent of Total.
One or more fingers, 1 phalange . . . . .	336	62.6
One eye . . . . .	45	8.4
Two or more fingers, 2 or more phalanges . . . . .	41	7.6
Right or major index finger, 2 or more phalanges . . . . .	26	4.8
Right or major thumb, 1 phalange . . . . .	18	3.3
Right or major index finger, at second joint and one or more fingers . . . . .	14	2.6
One toe . . . . .	13	2.4
Right or major hand or arm . . . . .	10	1.9
Left or minor hand or arm . . . . .	10	1.9
Right or major thumb, 2 or more phalanges . . . . .	6	1.1
One foot or leg . . . . .	5	.9
Right or major thumb at second joint and 1 or more fingers . . . . .	4	.7
Right or major thumb at first joint and 1 or more fingers . . . . .	3	.6
Two or more toes . . . . .	3	.6
Right or major thumb and index finger, 2 or more phalanges . . . . .	1	.2
Two or more fingers or thumbs on both hand . . . . .	1	.2
One foot or leg and 2 or more toes . . . . .	1	.2
Totals . . . . .	537	100.0

The group "one finger or thumb", continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use, of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges".

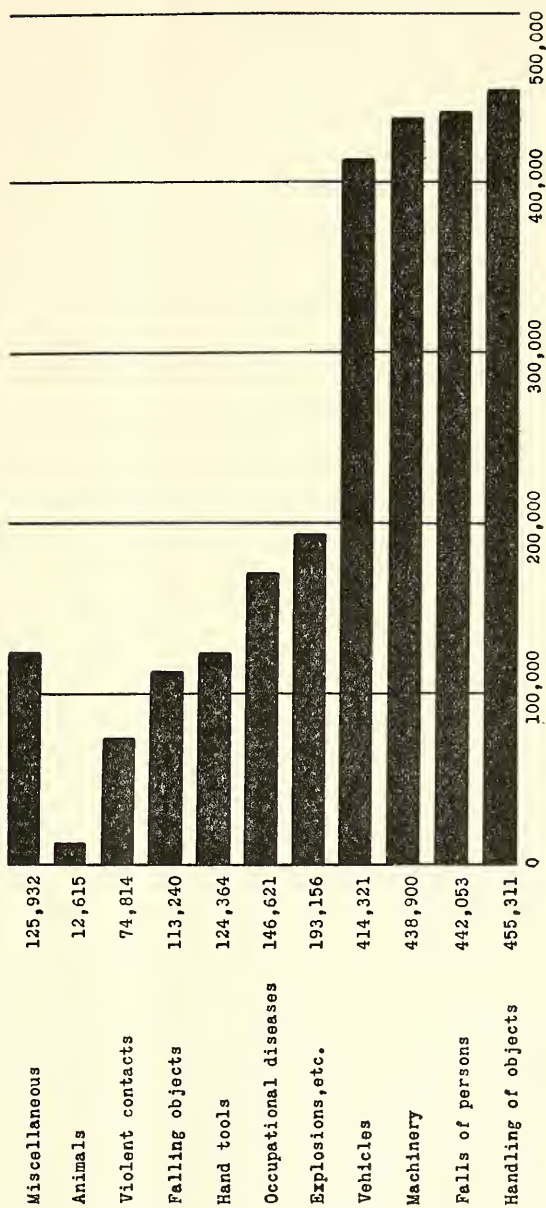
None of the specific injury cases warranted being rated as a permanent total disability.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES.

There were 357 cases, or 66.3 per cent of the total specific injuries, which occurred on machinery. This is an increase of 6.5 per cent as compared with 1932.

In the group "one finger or thumb," there were 336 cases. There were 236 of these cases which were due to machinery and 198, or 83.9 per cent occurred at the "point of operation."

DURATION OF INJURIES  
NUMBER OF DAYS LOST





*Percentage Distribution of Specific Injury Cases, by Causes.*

CAUSE OF INJURY.	Number of Cases.	Per Cent of Total.
Machinery . . . . .	357	66.5
Handling of objects . . . . .	79	14.7
Hand tools . . . . .	41	7.6
Vehicles . . . . .	14	2.6
Miscellaneous causes . . . . .	14	2.6
Falling objects, not being handled by employee . . . . .	14	2.6
Fires, explosions, electricity, etc. . . . .	9	1.7
Falls of persons . . . . .	6	1.1
Stepping on or striking against objects . . . . .	3	.6
<b>Totals . . . . .</b>	<b>537</b>	<b>100.0</b>

*Distribution of Specific Injuries to Eye, by Causes.*

CAUSE OF INJURY.	Number of Cases.	CAUSE OF INJURY.	Number of Cases.
Hand tools . . . . .	24	Handling of objects . . . . .	2
Machinery . . . . .	9	Miscellaneous causes . . . . .	2
Fires, explosions, electricity, etc. . . . .	3	Falls of persons . . . . .	1
Vehicles . . . . .	2		
Falling objects not being handled by injured . . . . .	2	<b>Total . . . . .</b>	<b>45</b>

**DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT.**

From July 1, 1932 to June 30, 1933, there were 18 non-insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement, or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

*Not Insured Fatal Injuries, by Industries.*

INDUSTRIES.	Number of Cases.	INDUSTRIES.	Number of Cases.
Steam railroads . . . . .	7	Machinery . . . . .	1
Building trades . . . . .	5	Telephone and telegraph . . . . .	1
Wholesale and retail trade . . . . .	1	Street railway . . . . .	1
Stevedores . . . . .	1		
Shipbuilding . . . . .	1	<b>Total . . . . .</b>	<b>18</b>

The average age of the employees at the time of death was 43 years and the average weekly wages were \$33.58.

Subject to the provisions of the Act, the possible total payment to dependents in these cases is \$99,950.00. In all but one case dependency was total and in each of such cases the maximum payment possible, according to the number of dependents, is between \$4,000.00 and \$6,400.00. In the one "no dependency" case, \$250.00 would have been due, \$150.00 for funeral expenses and \$100.00 to the Commonwealth in accordance with G. L. c. 152, s. 65.

In only 11 of these cases were we able to obtain accurate figures as to the actual amount paid by non-insured employers to the dependents of their fatally injured employees. The amount paid was \$79,095.00, or an average of \$7,190.00 per case. While the average recovery seems high compared to the statutory dependency compensation maximum provided in the Workmen's Compensation Act, it should be borne in mind that the payments in these uninsured cases constitute the entire recovery, out of which all expenses must be paid, medical, legal, etc., whereas, payments under the Act are exclusive of medical payments, attorneys' fees limited to reasonable amounts, and no costs of proceedings are involved. Further, the payments are prompt and certain under the Act, as against the protracted litigation and doubtful result involved in the uninsured cases.

A statistical tabulation of these cases follows:

Industry and occupation	Age	Wages	Dependents and Amount Payable in Analogous Cases	Settlement
Steam railroad, inspector . . . .	49	\$31.54	Widow and 2 children (\$5,600.00)	\$ 8,500.00
Steam railroad, inspector . . . .	46	\$31.97	Widow and 7 children (\$6,400.00)	\$ 7,000.00
Steam railroad, fireman . . . .	51	\$37.63	Widow (\$4,000.00)	\$ 8,900.00
Steam railroad, engineer . . . .	58	\$47.36	Widow and 1 child (\$4,800.00)	\$ 8,900.00
Steam railroad, yard helper . . . .	47	\$35.64	Two children (\$4,000.00)	\$ 8,000.00
Steam railroad, lampman . . . .	50	\$20.16	Widow (\$4,000.00)	\$ 295.00
Steam railroad, foreman . . . .	46	\$39.84	Widow and 2 children (\$5,600.00)	\$20,000.00
Stevedores, longshoreman . . . .	42	\$15.00	Widow and 8 children (\$6,400.00)	\$ 5,000.00
Shipbuilding, rigger . . . .	60	\$27.46	Widow and 1 child (\$4,800.00)	\$ 4,800.00
Street railway, laborer . . . .	38	\$21.00	Widow and 2 children (\$5,600.00)	\$ 2,700.00
Telephone and telegraph, lineman . . . .	38	\$43.00	Widow (\$4,000.00)	\$ 5,000.00
Totals . . . . .			\$55,200.00	\$79,095.00

An analysis of dependency is of value in uninsured cases in showing upon whom the burden fell.

#### *Dependency in Uninsured Cases.*

DEPENDENTS	Number of Cases.	DEPENDENTS.	Number of Cases.
Widow and 8 children . . . .	2	Widow . . . . .	6
Widow and 7 children . . . .	1	Two children . . . . .	1
Widow and 2 children . . . .	5	No dependents . . . . .	1
Widow and 1 child . . . .	2	Total . . . . .	18

### THE MEDICAL DIVISION.

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,<sup>1</sup> is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period, July 1, 1932 to June 30, 1933, the sum of \$1,892,595.46. This sum represents 32.3 per cent of the total payments of the year. During this period, 79,068 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the employee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the members of the Board. During the year covered by this report, 3,353 impartial examinations have been made at a total cost of \$24,723.00. In addition to this sum \$639.03 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

<sup>1</sup> Francis D. Donoghue, M. D.

## AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT.

The following amendments were enacted during the 1933 and 1934 sessions.

Chapter one hundred and fifty-two of the General Laws, as so appearing, is hereby amended by striking out section sixty-nine and inserting the following:

Section 69. The commonwealth and any county, city, town or district having the power of taxation which has accepted chapter eight hundred and seven of the acts of nineteen hundred and thirteen, and any county or district maintaining a hospital established under sections seventy-eight to ninety, inclusive, of chapter one hundred and eleven, if the trustees of said hospital accept the provisions of this section, shall pay to laborers, workmen and mechanics employed by it who receive injuries arising out of and in the course of their employment, or, in case of death resulting from such injury, to the persons entitled thereto, the compensation provided by this chapter. Compensation payable under this chapter to an injured employee of the commonwealth who receives full maintenance in addition to his cash salary or wage, and compensation payable thereunder to his dependents in case of his death, shall be based upon his average weekly wages plus the sum of seven dollars per week in lieu of the full maintenance received by him. Sections seventy to seventy-five, inclusive, shall apply to the commonwealth and to any county, city, town, or district having the power of taxation which has accepted said chapter eight hundred and seven, and to any county or district maintaining a hospital established under said sections seventy-eight to ninety, inclusive, if the trustees of said hospital accept the provisions of this section. The terms laborers, workmen and mechanics, as used in sections sixty-eight to seventy-five, inclusive, shall include foremen, subforemen and inspectors of the commonwealth or of any such county, city, town or district, to such extent as the commonwealth or such county, city, town or district, acting respectively through the governor and council, county commissioners, city council, the qualified voters in a town or district meeting, or the trustees of such hospital, shall determine, as evidenced by a writing filed with the department." (*Approved July 7, 1933, in effect October 5, 1933.*)

Chapter one hundred and fifty-two of the General Laws is hereby amended by inserting after section sixty-nine, as appearing in the Tercentenary Edition thereof, the following new section:—Section 69A. No compensation shall be paid by the commonwealth under this chapter without the previous written consent of the attorney general or an order of the department or member thereof, and no such order shall be entered until the attorney general has been given an opportunity to appear and be heard on behalf of the commonwealth. (*Approved July 7, 1933, in effect October 5, 1933.*)

Section fifty-five of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition thereof, is hereby amended by striking out the second paragraph and inserting in place thereof the following:—

Any policy of insurance issued in violation of this section or of any other provision of this chapter shall nevertheless be valid and binding upon the company issuing it, and the rights, duties and obligations of the parties thereto shall be determined by this chapter and chapter one hundred and seventy-five. (*Approved April 6, 1934, in effect August 4, 1934.*)

Section thirty-one of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition, is hereby amended by inserting after the word "week," in the twenty-third line the following new sentence: . . . . . If there is no surviving wife or husband



of the deceased employee, such amount or amounts as would have been payable under this section to or for the use of a widow and for the benefit of all such children of the employee, shall be paid in equal shares to all such surviving children of the employee, . . . . . so that the first paragraph will read as follows:

If death results from the injury, the insurer shall pay the following dependents of the employee, including his children by a former wife, wholly dependent upon his earnings for support at the time of his injury, compensation as follows, payable, except as hereinafter provided, in the manner set forth in section thirty-two:

To the widow, so long as she remains unmarried, ten dollars a week if and so long as there is no child of the employee, who is under the age of eighteen, or over said age and physically or mentally incapacitated from earning; to or for the use of the widow and for the benefit of all children of the employee, twelve dollars a week if and so long as there is one such child, and two dollars more a week for each such additional child; provided, that in case any such child is a child by a former wife the death benefit shall be divided between the surviving wife and all living children of the deceased employee in equal shares, the surviving wife taking the same share as a child. If the widow dies, such amount or amounts as would have been payable to or for her own use and for the benefit of all children of the employee shall be paid in equal shares to all the surviving children of the employee. If the widow remarries, all payments under the foregoing provisions shall terminate and the insurer shall pay each week to each of the children of the employee, if and so long as there are more than five, his or her proportionate share of eighteen dollars and shall pay each of such children, if and so long as there are five or less, three dollars a week. If there is no surviving wife or husband of the deceased employee, such amount or amounts as would have been payable under this section to or for the use of a widow and for the benefit of all such children of the employee, shall be paid in equal shares to all such surviving children of the employee. The total amount of payments under this section shall not be more than sixty-four hundred dollars and said payments shall not continue more than four hundred weeks. When weekly payments have been made to an injured employee before his death, compensation under the foregoing provisions of this section shall begin from the date of the death of the employee, but shall not amount to a total of more than sixty-four hundred dollars, including such payments as were made to the injured employee before his death, and shall not continue for more than four hundred weeks, including weeks during which payments were made to the injured employee before his death. (Approved May 31, 1934, in effect August 29, 1934.)

Section fifteen A of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition, is hereby amended by adding at the end the following:—If, however, said insurers cannot agree that such employee would be entitled to compensation irrespective of the existence of such controversy, then a hearing to determine the question of liability and the payment of compensation shall be held forthwith by the department, such hearing to take precedence over other pending matters,—so as to read as follows:—

Section 15A. If one or more claims are filed for an injury and two or more insurers, any one of which may be held to be liable to pay compensation therefor, agree that the injured employee would be entitled to receive such compensation but for the existence of a controversy as to which of said insurers is liable to pay the same, such one of said insurers as they may mutually agree upon or as may be selected by a single member of the board shall pay to the injured employee the compensation aforesaid, pending a final decision of the board as to the matter in controversy, and such decision shall require that the amount of compensation so paid shall be deducted from the award if made against another insurer and

be paid by said other insurer to the insurer agreed upon or selected by the single member as aforesaid. If, however, said insurers cannot agree that such employee would be entitled to compensation irrespective of the existence of such controversy, then a hearing to determine the question of liability and the payment of compensation shall be held forthwith by the department, such hearing to take precedence over other pending matters. (Approved May 31, 1934, in effect August 29, 1934.)

Section twenty-eight of chapter one hundred and fifty-two of the General Laws, as so appearing, is hereby amended by adding at the end the following:—The employment of any minor, known to be such, in violation of any provision of sections 60 to 74, inclusive, or of section one hundred and four of chapter one hundred and forty-nine shall constitute serious and wilful misconduct under this section,—so as to read as follows:—

Section 28. If the employee is injured by reason of the serious and wilful misconduct of an insured person or of any person regularly intrusted with and exercising the powers of superintendence, the amounts of compensation hereinafter provided shall be doubled. In such case the insured shall repay to the insurer the extra compensation paid to the employee. If a claim is made under this section the insured may appear and defend against such claim only. The employment of any minor, known to be such, in violation of any provision of sections sixty to seventy-four, inclusive, or of section one hundred and four of chapter one hundred and forty-nine shall constitute serious and wilful misconduct under this section. (Approved June 12, 1934, in effect September 10, 1934.)

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## STATISTICAL TABLES.

TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1932 to June 30, 1933.*

INDUSTRIES.	Insured.	Not Insured.	Total.
<b>Agriculture, Forestry, and Animal Husbandry.</b>	<b>496</b>	<b>5</b>	<b>411</b>
Agriculture . . . . .	215	4	299
Forestry . . . . .	62	1	63
Animal husbandry . . . . .	28	—	28
Ice harvesting . . . . .	21	—	21
<b>Extraction of Minerals.</b>	<b>62</b>	<b>3</b>	<b>65</b>
Quarrying . . . . .	62	3	65
<b>Building Trades.</b>	<b>2,477</b>	<b>13</b>	<b>2,490</b>
Hand trades . . . . .	2,477	13	2,490
<b>Chemical and Allied Products.</b>	<b>295</b>	<b>1</b>	<b>296</b>
Fertilizers . . . . .	20	—	20
Paints, varnish and japanning . . . . .	46	—	46
Powder, cartridges, fireworks, etc., makers . . . . .	17	—	17
Soap makers . . . . .	56	—	56
Other chemical workers . . . . .	156	1	157
<b>Clay, Glass and Stone Products.</b>	<b>212</b>	<b>5</b>	<b>217</b>
Brick makers . . . . .	36	—	36
Potteries . . . . .	3	—	3
Tile makers . . . . .	3	—	3
Glass makers, workers . . . . .	38	—	38
Lime, cement and gypsum . . . . .	30	—	30
Marble and stone cutters . . . . .	98	5	103
Mica, isinglass . . . . .	4	—	4
<b>Clothing.</b>	<b>376</b>	<b>10</b>	<b>386</b>
Clothing makers . . . . .	297	10	289
Corset makers . . . . .	9	—	9
Hat makers, wool or felt . . . . .	54	—	54
Shirt, collar and cuff makers . . . . .	34	—	34
<b>Food and Kindred Products.</b>	<b>1,617</b>	<b>3</b>	<b>1,620</b>
Bakery, bread and other bakery products . . . . .	489	2	491
Butter and cheese makers . . . . .	67	—	67
Candy, confectionery . . . . .	201	—	201
Fish curers and packers . . . . .	143	1	144
Flour and grain mills . . . . .	5	—	5
Fruit and vegetable canners . . . . .	11	—	11
Slaughter and packing houses . . . . .	458	—	458
Sugar makers and refiners . . . . .	53	—	53
Other food preparers . . . . .	190	—	190
<b>Iron and Steel and Their Products</b>	<b>1,883</b>	<b>138</b>	<b>2,021</b>
Automobile factories . . . . .	241	—	241
Car and railroad shops . . . . .	7	1	8
Foundries and metal working, tools, forging . . . . .	681	54	735
Manufacture of aeroplanes . . . . .	1	—	1
Ship and boat building . . . . .	55	82	137
Wagons and carriages . . . . .	1	—	1
Other iron and steel workers . . . . .	897	1	898
<b>Leather and Its Finished Products.</b>	<b>2,338</b>	<b>13</b>	<b>2,351</b>
Harness and saddle makers and repairers . . . . .	2	—	2
Leather belt, leather case, pocketbook makers . . . . .	59	2	61
Shoes . . . . .	1,568	7	1,515
Tanneries . . . . .	761	4	765
Trunk makers . . . . .	8	—	8
<b>Liquors and Beverages.</b>	<b>111</b>	<b>—</b>	<b>111</b>
Breweries . . . . .	10	—	10
Distilleries . . . . .	1	—	1
Other liquor and beverage workers . . . . .	100	—	100
<b>Lumber and Its Re-manufacture.</b>	<b>718</b>	<b>8</b>	<b>726</b>
Boxmakers (wood) . . . . .	86	1	87
Furniture . . . . .	274	2	276
Pianos and organs . . . . .	16	—	16
Saw and planing mills . . . . .	49	3	52
Other woodworkers . . . . .	293	2	295
<b>Metals and Metal Products Other than Iron and Steel.</b>	<b>272</b>	<b>3</b>	<b>275</b>
Brass mills . . . . .	20	—	20
Clock factories . . . . .	12	—	12
Copper factories . . . . .	33	—	33



TABLE I. — *Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1932 to June 30, 1933 — Concluded.*

INDUSTRIES.	Insured.	Not Insured.	Total.
<b>Meta's and Metal Products Other than Iron and Steel—Con.</b>			
Gold and silver factories . . . . .	46	—	46
Jewelry factories . . . . .	38	2	40
Lead and zinc factories . . . . .	48	—	48
Tin-plate factories . . . . .	35	—	35
Watch factories . . . . .	11	—	11
Copper and brass factories . . . . .	17	—	17
Other metal workers . . . . .	12	1	13
<b>Paper</b>	<b>874</b>	<b>1</b>	<b>875</b>
Box makers (paper) . . . . .	142	—	142
Makers of blank books, envelopes, tags, labels, paper bags . . . . .	91	1	92
Paper and pulp mills . . . . .	382	—	382
Other paper goods . . . . .	259	—	259
<b>Printing and Bookbinding</b>	<b>490</b>	<b>13</b>	<b>503</b>
Printing and publishing establishments . . . . .	490	13	503
<b>Textiles</b>	<b>2,697</b>	<b>55</b>	<b>2,752</b>
Carpet mills . . . . .	26	1	27
Cotton mills . . . . .	830	47	877
Dyeing and finishing textiles . . . . .	285	—	285
Hemp and jute mills . . . . .	18	—	18
Knitting mills . . . . .	137	—	137
Linen mills . . . . .	26	—	26
Print works . . . . .	70	2	72
Rope and cordage factories, twine . . . . .	13	—	13
Sail, awning and tent makers . . . . .	9	—	9
Silk mills . . . . .	101	4	105
Woolen mills, worsted mills . . . . .	949	1	950
Not specified textile workers . . . . .	233	—	233
<b>Miscellaneous Industries.</b>	<b>2,196</b>	<b>18</b>	<b>2,214</b>
Broom and brush makers . . . . .	12	—	12
Button makers . . . . .	5	—	5
Cigars and tobacco . . . . .	19	—	19
Electric light and power companies . . . . .	214	—	214
Electric supplies . . . . .	367	3	370
Gas works . . . . .	192	—	192
Oil works . . . . .	245	—	245
Rubber factories . . . . .	515	2	517
Straw workers . . . . .	7	—	7
Gas and electric companies . . . . .	74	—	74
Other miscellaneous industries and occupations . . . . .	546	13	559
<b>Water Transportation</b>	<b>191</b>	<b>26</b>	<b>217</b>
Water transportation . . . . .	191	26	217
<b>Transportation, Road, Etc.</b>	<b>4,041</b>	<b>349</b>	<b>4,390</b>
Construction, and maintenance of roads, street, etc. . . . .	2,367	32	2,399
Livery stables . . . . .	9	—	9
Truck, transfer cab and hack companies, garages . . . . .	1,344	20	1,364
Street railways . . . . .	321	43	364
Steam railroads . . . . .	—	254	254
<b>Express Companies.</b>	<b>104</b>	<b>152</b>	<b>256</b>
Express companies . . . . .	104	152	256
<b>Telephone and Telegraph.</b>	<b>—</b>	<b>103</b>	<b>103</b>
Telephone and telegraph . . . . .	—	103	103
<b>Aeroplane Transportation.</b>	<b>2</b>	<b>—</b>	<b>2</b>
Aeroplane transportation . . . . .	2	—	2
<b>Other Persons in Transportation.</b>	<b>95</b>	<b>2</b>	<b>97</b>
Other persons in transportation . . . . .	95	2	97
<b>Trade.</b>	<b>6,446</b>	<b>235</b>	<b>6,681</b>
Banking and brokerage . . . . .	74	—	74
Insurance . . . . .	127	13	140
Real estate . . . . .	313	3	316
Wholesale and retail trade . . . . .	5,718	219	5,937
Elevators . . . . .	29	—	29
Warehouses and cold-storage plants . . . . .	113	—	113
Other persons in trade . . . . .	67	—	67
Clerical assistants, (industry, business or profession not specified) . . . . .	5	—	5
<b>Professional Service.</b>	<b>630</b>	<b>35</b>	<b>665</b>
Professional service . . . . .	630	35	665
<b>Domestic and Personal Service.</b>	<b>2,029</b>	<b>16</b>	<b>2,045</b>
Occupations not in industries . . . . .	1,719	14	1,733
Laundry and laundry work . . . . .	310	2	312
<b>Grand total</b>	<b>30,562</b>	<b>1,207</b>	<b>31,769</b>

TABLE II. — *Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1932 to June 30, 1933.*

Number of employees who lost no time from work, but required medical services	50,171	
Payments made		\$435,813 02
Outstanding payments		39,016 88
		<hr/> \$474,859 90
Number of employees who were not disabled more than seven days, but required medical services	8,125	
Payments made		\$107,409 95
Outstanding payments		9,646 95
		<hr/> \$117,056 90
Number of employees receiving compensation only	2,397	
Payments made		\$189,449 97
Outstanding payments		44,295 21
		<hr/> \$224,745 18
Number of employees requiring both medical services and compensation	18,238	
Medical payments made		\$978,886 22
Medical payments outstanding		315,526 79
		<hr/> \$1,294,413 01
Compensation payments made		1,835,484 21
Compensation payments outstanding		1,430,501 40
		<hr/> \$3,265,985 61
Number of employees requiring neither medical services nor compensation	19,498	
Total dependency fatalities	114	
Compensation payments made		\$44,986 52
Outstanding compensation payments		398,561 38
		<hr/> \$443,547 90
Partial dependency fatalities	16	
Compensation payments made		\$5,602 01
Outstanding compensation payments		22,642 27
		<hr/> \$28,244 28
No dependency fatalities	7	
Compensation payments made		\$400 00
Outstanding compensation payments		1,350 00
		<hr/> \$1,750 00
<hr/>		
Number of fatal cases reported to insurers		137
Number of non-fatal cases reported to insurers		98,429
		<hr/> 98,566
Total number reported to insurers		
Total medical paid		\$1,524,974 99
Total medical outstanding		367,620 47
		<hr/> \$1,892,595 46
Total fatal compensation paid		\$50,988 53
Total fatal compensation outstanding		422,553 65
		<hr/> \$473,542 18
Total non-fatal compensation paid		\$2,015,934 18
Total non-fatal compensation outstanding		1,474,796 61
		<hr/> \$3,490,730 79
Total payments made		\$3,591,897 70
Total payments outstanding		2,264,970 73
		<hr/> \$5,856,868 43

TABLE III. — *Frequency of Injuries, by Industry and Extent of Disability, July 1, 1932, to June 30, 1933*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.										TEMPORARY DISABILITIES.					Over 52 Weeks.	Total.				
	Total.	Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	1 to 3 Days.										8 to 13 Weeks.						
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	1 Year.							
<b>Agricultural, Forestry, and Animal Husbandry.</b>																					
Agriculture . . . . .	411	1	—	5	39	67	54	68	54	68	29	16	7	3	405						
Forestry . . . . .	299	1	—	3	29	41	40	50	42	52	23	12	4	2	295						
Animal husbandry . . . . .	63	—	—	—	8	20	5	7	7	7	2	3	3	1	63						
Ice Harvesting . . . . .	21	—	—	—	2	2	2	4	4	6	1	—	—	—	26						
<b>Extraction of Minerals.</b>																					
Quarrying . . . . .	65	2	—	3	10	13	3	7	7	11	5	2	2	—	60						
	65	2	—	3	10	13	3	7	7	11	5	2	2	—	60						
<b>Building Trades.</b>																					
Hand trades . . . . .	2,490	15	2	37	279	348	215	267	241	529	198	174	127	58	2,436						
	2,490	15	2	37	279	348	215	267	241	529	198	174	127	58	2,436						
<b>Chemical and Allied Products.</b>																					
Fertilizers . . . . .	296	1	—	8	39	57	45	37	29	41	23	8	4	4	287						
Paints, varnish, japanning . . . . .	20	—	—	2	3	2	2	4	2	2	3	1	—	—	20						
Powder, cartridges, fireworks, etc., makers . . . . .	46	—	—	2	6	11	3	5	4	9	4	2	—	—	44						
Soap makers . . . . .	17	—	—	1	1	2	4	2	3	2	1	1	—	—	16						
Other chemical workers . . . . .	56	1	—	1	10	14	6	5	6	5	3	2	2	1	54						
	157	—	—	4	19	28	30	21	14	23	12	2	2	2	153						
<b>Clay, Glass and Stone Products.</b>																					
Brickmakers . . . . .	217	3	—	15	22	27	27	25	14	42	24	11	6	1	199						
Potteries . . . . .	36	1	—	3	6	3	7	2	3	3	6	1	1	—	32						
Tile makers . . . . .	3	—	—	—	—	—	1	—	—	—	1	—	—	—	3						
Glass makers and workers . . . . .	38	—	—	—	6	7	3	3	4	8	5	1	1	1	38						
Lime, cement and gypsum . . . . .	30	—	—	—	1	7	5	8	1	6	—	2	—	—	30						
Marble and stone cutters . . . . .	103	2	—	12	9	10	9	10	6	24	12	6	3	—	89						
Mica and isinglass . . . . .	4	—	—	—	—	—	1	2	—	1	—	—	—	—	4						
<b>Clothing.</b>																					
Clothing makers . . . . .	386	—	—	2	60	68	53	53	35	66	31	14	4	—	384						
Corset makers . . . . .	289	—	—	1	46	52	41	40	28	49	20	9	3	—	288						
Hat makers, wool or felt . . . . .	54	—	—	1	8	7	7	7	4	10	6	3	1	—	53						
Shirt, collar and cuff makers . . . . .	34	—	—	—	4	6	4	6	3	5	4	2	—	—	34						
<b>Food and Kindred Products.</b>																					
Bakeries . . . . .	1,620	8	1	27	210	347	197	209	139	268	124	52	30	8	1,584						
Butter and cheese makers . . . . .	491	1	—	8	59	93	49	61	42	99	43	22	11	3	482						
Candy and confectionery . . . . .	67	—	—	—	11	9	8	12	6	11	6	3	1	—	67						
Fish curers and packers . . . . .	201	1	—	7	10	37	27	29	13	39	23	12	3	—	193						
Flour and grain mills . . . . .	144	1	—	—	21	35	20	20	18	19	4	2	3	1	143						
Fruit and vegetable canners . . . . .	5	—	—	—	1	1	2	2	1	2	1	—	—	—	5						
	11	—	—	—	1	2	3	2	—	—	—	—	—	—	10						

Slaughter and packing houses	458	3	1	4	78	124	55	52	37	60	30	7	5	2	450
Sugar makers and refiners	53	1	2	2	8	14	9	3	8	4	3	—	1	—	50
Other food preparers	190	1	—	5	22	33	24	30	14	33	14	6	6	2	184
<b>Iron and Steel and Their Products.</b>															
Automobile factories	2,021	14	—	68	233	358	222	230	190	394	147	87	70	8	1,939
Car and railroad shops	241	1	—	3	31	34	20	32	22	58	17	14	6	3	237
Foundries and metal working, tools	8	—	—	1	—	—	—	—	—	—	—	—	—	—	7
Manufacture of airplanes	735	3	—	25	95	138	89	67	62	130	53	32	39	2	707
Ship and boat building	137	1	—	—	19	29	20	19	12	24	8	4	1	—	1
Wagons and carriages	1	—	—	—	—	—	—	—	—	—	—	—	—	—	136
Other iron and steel workers	898	9	—	39	88	155	92	109	92	182	68	37	24	3	850
<b>Leather and Its Finished Products.</b>															
Harness and saddle makers and repairers	2,351	5	—	59	309	458	284	325	216	406	150	78	47	14	2,287
Leather belt, leather case and pocketbook makers	2	—	—	—	—	—	—	—	1	—	1	—	—	—	2
Shoes	61	—	—	3	9	9	4	7	12	11	3	2	1	—	58
Tanneries	1,515	1	—	30	198	280	179	212	144	275	95	60	32	9	1,484
Trunk makers	765	4	—	25	102	168	100	106	59	119	49	14	14	5	736
<b>Liquors and Beverages.</b>															
Breweries	111	1	—	2	17	24	18	7	12	17	7	4	1	1	108
Distilleries	10	—	—	—	2	4	1	—	—	—	—	—	—	—	10
Other liquor and beverage workers	100	1	—	1	15	20	17	7	11	16	7	4	—	1	98
<b>Lumber and Its Re-manufacture.</b>															
Box makers (wood)	726	1	—	51	89	123	78	90	65	140	53	20	12	4	674
Furniture	87	—	—	2	9	15	8	15	8	19	8	2	1	—	85
Pianos and organs	276	1	—	22	32	38	41	31	22	56	16	10	6	1	253
Saw and planing mills	16	—	—	—	1	2	—	2	3	4	2	1	—	—	16
Other wood workers	52	—	—	3	7	9	3	8	5	13	4	—	—	—	49
	295	—	—	24	40	59	26	34	27	48	23	7	4	3	271
<b>Metals and Metal Products Other than Iron and Steel.</b>															
Brass mills	275	1	—	18	28	45	31	39	29	54	19	7	3	1	256
Clock factories	20	—	—	—	—	3	4	3	—	7	—	2	—	—	20
Copper factories	12	—	—	—	2	3	1	1	—	3	—	1	—	—	12
Gold and silver factories	33	—	—	1	3	7	3	4	5	8	2	—	—	—	32
Jewelry factories	46	—	—	5	4	8	6	3	10	7	5	—	—	—	41
Lead and zinc factories	40	—	—	4	8	6	6	5	5	5	—	—	—	—	36
Tin plate factories	48	—	—	3	4	10	2	6	4	11	3	1	—	—	45
Watch factories	35	—	—	3	3	3	2	6	3	9	4	3	—	—	32
Copper and brass factories	11	—	—	—	—	1	3	1	1	3	1	—	—	1	11
Other metal workers	17	—	—	2	2	3	2	2	1	4	1	—	—	—	15
	13	1	—	—	1	2	1	1	3	2	1	—	—	—	12
<b>Paper.</b>															
Box makers	875	5	—	29	94	139	112	113	86	186	76	20	10	5	841
Makers of blank books, envelopes, tags and labels, bags	142	2	—	5	30	22	13	19	16	20	11	3	1	—	135
Paper and pulp mills	92	—	—	3	8	13	13	17	6	25	4	1	2	—	89
Other paper goods	382	3	—	14	32	47	55	53	37	97	27	12	3	2	365
	2,9	—	—	7	24	57	31	24	27	44	34	4	4	3	252

TABLE III — Frequency of Injuries, by Industry and Extent of Disability, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													TEMPORARY DISABILITIES.				
	Total.	Deaths.	Per- manent Disa- bilities.	Per- manent Disa- bilities.	NUMBER OF TABULATABLE INJURIES.													Over 1 Year.
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 Weeks.	6 Weeks.	6 Weeks.	3	
<b>Printing and Bookbinding.</b>	503	1	—	7	92	93	53	57	44	101	36	10	6	3	495	3	495	
Printing and publishing establishments	503	1	—	7	92	93	53	57	44	101	36	10	6	3	495	3	495	
<b>Textiles.</b>	2,752	7	1	77	303	552	339	352	261	468	224	107	52	9	2,667	9	2,667	
Carpet mills	27	—	—	—	1	6	4	1	3	4	5	2	1	—	27	1	—	
Cotton mills	877	2	—	18	90	182	109	100	84	161	74	45	11	1	837	1	—	
Dyeing and finishing textiles	285	—	1	7	32	51	39	44	31	44	22	6	7	1	277	1	—	
Hemp and jute mills	18	—	—	—	2	2	—	—	—	—	—	—	—	—	18	—	—	
Knitting mills	137	1	—	2	39	39	20	15	11	20	6	1	1	—	134	1	—	
Linen mills	26	—	—	2	2	5	3	3	2	4	3	1	1	—	24	1	—	
Print works	72	—	—	1	8	8	8	9	7	15	9	6	1	—	71	1	—	
Rope and cordage factories, twine	13	—	—	1	1	3	—	3	—	3	1	1	—	—	12	—	—	
Sail, awning and tent makers	9	—	—	—	—	4	3	—	1	1	—	—	—	—	9	—	—	
Silk mills	105	1	—	2	11	21	9	11	12	29	8	5	4	—	102	4	—	
Woolen and worsted mills	950	2	—	37	112	178	121	132	86	157	72	28	21	1	911	4	—	
Not specified textile workers	233	1	—	7	23	53	23	30	23	38	19	9	6	1	225	1	—	
<b>Miscellaneous Industries.</b>	2,214	13	—	57	286	400	288	287	182	397	160	79	49	16	2,144	16	2,144	
Broom and brush makers	12	—	—	1	3	3	1	1	—	3	—	3	—	—	11	—	—	
Button makers	5	—	—	—	2	2	—	3	—	—	—	—	—	—	5	—	—	
Cigars	19	—	—	—	3	3	2	1	1	6	—	2	2	—	19	—	—	
Electric light and power companies	214	7	—	5	36	43	29	31	12	20	15	9	4	3	202	3	—	
Electrical supplies	370	—	—	12	36	60	39	53	42	75	40	10	2	1	338	2	—	
Gas works	192	2	—	2	34	45	30	23	13	23	10	8	1	1	188	1	—	
Oil works	245	—	—	1	36	51	38	31	16	42	14	7	8	1	244	1	—	
Rubber factories	517	—	—	13	62	83	59	60	46	103	45	23	19	4	504	4	—	
Straw workers	7	—	—	—	2	—	—	—	—	3	1	—	—	—	7	—	—	
Gas and electric companies	74	—	—	2	8	17	11	12	4	13	2	—	4	1	72	4	—	
Other miscellaneous industries and occupations	559	4	—	21	69	95	79	71	48	109	33	16	9	5	534	5	—	
<b>Water Transportation.</b>	217	1	—	—	18	35	19	28	25	61	17	8	2	3	216	3	—	
Water transportation	217	1	—	—	18	35	19	28	25	61	17	8	2	3	216	3	—	
<b>Transportation, Road, Etc.</b>	4,390	45	2	44	552	773	485	510	390	872	350	208	113	46	4,299	46	4,299	
Road, street, bridge, construction of	2,399	19	2	30	253	409	252	278	216	505	189	131	86	29	2,348	29	2,348	
Livery stables	9	—	—	—	1	1	1	—	1	3	1	1	—	—	9	—	—	
Truck, transfer, hack and cab companies, garages	1,364	11	—	7	197	255	153	165	126	254	106	53	22	15	1,346	15	1,346	
Street railways	364	8	—	4	55	60	39	43	27	71	35	17	3	2	352	2	—	
Steam railroads	254	7	—	3	46	48	40	24	20	39	19	6	2	—	244	2	—	

<b>Express Companies.</b>	256	-	-	29	76	60	21	22	29	12	5	2	-	256
Express companies . . . . .	256	-	-	29	76	60	21	22	29	12	5	2	-	256
<b>Telephone and Telegraph</b>	103	1	-	14	23	27	8	8	12	8	2	-	-	102
Telephone and telegraph . . . . .	103	1	-	14	23	27	8	8	12	8	2	-	-	102
<b>Air Transportation.</b>	2	-	-	-	1	-	-	-	-	-	-	-	-	1
Air transportation . . . . .	2	-	-	-	1	-	-	-	-	-	-	-	-	1
<b>Other Persons in Transportation.</b>	97	1	-	9	18	9	17	10	19	5	6	2	1	96
Other persons in transportation . . . . .	97	1	-	9	18	9	17	10	19	5	6	2	1	96
<b>Trade.</b>	6,681	25	1	1,054	1,340	880	851	535	1,136	433	198	120	53	6,600
Banking and brokerage . . . . .	74	1	-	15	19	4	11	9	10	3	1	-	1	73
Insurance . . . . .	140	2	-	31	37	20	5	15	14	10	3	2	1	138
Real estate . . . . .	316	3	-	47	54	38	33	26	51	33	15	9	3	309
Wholesale and retail trade . . . . .	5,937	19	-	918	1,188	787	779	472	1,028	374	171	105	46	5,868
Elevators . . . . .	29	-	-	6	3	3	2	3	6	2	3	1	-	29
Warehouses and cold storage plants . . . . .	113	-	-	21	22	17	12	8	17	7	4	3	2	113
Other persons in trade . . . . .	67	-	1	15	15	10	9	2	10	4	-	-	-	65
Clerical assistants, industry, business or profession, not specified . . . . .	5	-	-	1	2	1	-	-	-	-	1	-	-	5
<b>Professional Service.</b>	665	4	1	106	159	112	68	46	89	29	24	11	4	648
Professional service . . . . .	665	4	1	106	159	112	68	46	89	29	24	11	4	648
<b>Domestic and Personal Service.</b>	2,045	7	-	266	367	297	291	190	360	125	67	37	13	2,013
Occupations not in industries . . . . .	1,733	7	-	218	308	261	249	160	304	110	55	31	9	1,705
Laundry and laundry work . . . . .	312	-	-	48	59	36	42	30	56	15	12	6	4	308
<b>Grand Total . . . . .</b>	<b>31,769</b>	<b>162</b>	<b>8</b>	<b>4,158</b>	<b>5,911</b>	<b>3,908</b>	<b>3,960</b>	<b>2,830</b>	<b>5,766</b>	<b>2,285</b>	<b>1,207</b>	<b>717</b>	<b>255</b>	<b>30,997</b>



TABLE IV. — *Severity of Injuries, by Industry and Extent of Disability, July 1, 1932, to June 30, 1933*

INDUSTRIES.	NUMBER OF DAYS LOST.										TEMPORARY DISABILITIES.										Over 1 Year.	Total.
	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.																		
					1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.									
<b>Agriculture, Forestry and Ani- mal Husbandry.</b>																						
Agriculture . . . . .	24,395	6,000	—	4,650	101	393	605	1,248	1,361	2,639	2,129	2,068	1,951	1,250	13,745							
Forestry . . . . .	19,664	6,000	—	3,600	74	250	450	914	1,048	2,013	1,711	1,554	1,200	850	10,064							
Animal husbandry . . . . .	2,462	—	—	—	21	107	54	129	181	256	156	407	751	400	2,462							
Ice harvesting . . . . .	1,695	—	—	1,050	—	23	75	133	23	106	178	107	—	—	645							
	574	—	—	—	6	13	26	72	109	264	84	—	—	—	574							
<b>Extraction of Minerals.</b>																						
Quarrying . . . . .	20,066	12,000	—	6,000	27	79	31	125	174	478	363	300	489	—	2,066							
	20,066	12,000	—	6,000	27	79	31	125	174	478	363	300	489	—	2,066							
<b>Building Trades.</b>																						
Hand trades . . . . .	271,336	90,000	12,000	37,200	736	1,940	2,525	4,951	6,141	21,060	14,103	22,752	33,255	24,673	132,136							
	271,336	90,000	12,000	37,200	736	1,940	2,525	4,951	6,141	21,060	14,103	22,752	33,255	24,673	132,136							
<b>Chemical and Allied Products.</b>																						
Fertilizers . . . . .	23,439	6,000	—	7,950	99	322	506	670	757	1,704	1,562	1,156	963	1,750	9,489							
Paints, varnish, japanning makers . . . . .	1,099	—	—	—	8	9	27	70	48	97	192	98	—	550	1,099							
Powder, cartridges, fireworks, etc., makers . . . . .	1,846	—	—	600	16	64	33	94	104	356	258	321	—	—	1,246							
Soap makers . . . . .	2,863	—	—	2,400	3	13	45	36	84	91	60	131	—	—	463							
Other chemical workers . . . . .	7,691	6,000	—	3,150	25	81	71	85	163	197	234	330	554	400	2,140							
	7,691	6,000	—	3,150	25	81	71	85	163	197	234	330	554	400	2,140							
<b>Clay, Glass and Stone Products.</b>																						
Brickmakers . . . . .	35,524	18,000	—	9,300	58	156	333	461	358	1,642	1,782	1,289	1,695	450	8,224							
Potteries . . . . .	9,331	6,000	—	2,100	17	20	90	31	81	120	424	98	350	—	1,231							
Tile makers . . . . .	309	—	—	—	—	—	14	—	—	—	70	—	—	—	225							
Glass makers and workers . . . . .	414	—	—	—	—	—	14	—	—	—	—	150	250	—	414							
Lime, cement, and gypsum makers . . . . .	1,461	—	—	—	15	41	34	54	100	290	372	105	250	450	1,461							
Marble and stone cutters . . . . .	752	—	—	—	3	46	56	151	23	219	—	254	—	—	752							
Mica and isinglass . . . . .	23,168	12,000	—	7,200	23	49	112	183	154	979	916	682	870	—	3,968							
	89	—	—	—	—	—	13	42	—	34	—	—	—	—	89							
<b>Clothing.</b>																						
Clothing makers . . . . .	12,553	—	—	1,800	155	403	628	985	891	2,550	2,258	1,779	1,104	—	10,753							
Corset makers . . . . .	9,125	—	—	1,500	118	305	495	740	723	1,910	1,498	1,066	800	—	7,625							
Hat makers, wool or felt . . . . .	175	—	—	—	6	20	8	—	—	70	71	—	—	—	175							
Shirt, collar and cuff makers . . . . .	2,184	—	—	300	20	36	79	135	97	368	410	435	304	—	1,884							
	1,069	—	—	—	11	42	46	110	71	202	309	278	—	—	1,069							
<b>Food and Kindred Products.</b>																						
Bakeries . . . . .	120,298	48,000	6,000	17,100	548	1,928	2,252	3,791	3,500	10,574	8,944	6,612	7,699	3,350	49,198							
Butter and cheese makers . . . . .	30,101	6,000	—	6,900	155	508	554	1,108	1,058	3,837	3,101	2,854	2,801	1,225	17,201							
Candy and confectionery . . . . .	1,932	—	—	—	30	43	84	204	146	395	422	408	200	—	1,932							
Fish curers and packers . . . . .	15,079	6,000	—	2,100	27	216	325	530	337	1,563	1,714	1,483	784	—	6,979							
Flour and grain mills . . . . .	9,897	6,000	—	—	52	204	233	366	465	739	296	212	930	400	3,897							
	85	—	—	—	3	—	26	—	25	31	—	—	—	—	85							

Fruit and vegetable canners . . .	3,853	-	-	13	33	41	-	98	68	-	-	-	-	253
Slaughter and packing houses . . .	36,409	18,000	206	682	632	955	921	2,406	2,080	923	1,301	800	10,909	1,108
Sugar makers and refiners . . .	8,008	6,000	20	774	101	50	195	183	235	-	250	925	6,534	1,453
Other food preparers . . .	14,934	6,000	55	185	264	537	353	1,322	1,028	732	1,453	-	-	-
<b>Iron and Steel and Their Products.</b>														
Automobile factories . . .	191,850	84,000	597	2,038	2,588	4,217	4,807	15,823	10,607	11,176	17,077	3,370	72,300	1,175
Car and railroad shops . . .	16,687	6,000	81	194	252	586	563	2,318	1,207	1,717	1,694	1,175	9,787	177
Foundries and metal working, tools . . .	1,977	-	-	6	12	38	54	-	67	-	-	-	-	-
Manufacture of airplanes . . .	59,136	18,000	245	776	1,005	1,229	1,574	5,137	3,913	4,515	8,542	850	27,786	7
Ship and boat building . . .	7	-	-	7	-	-	-	-	-	-	-	-	-	-
Wagons and carriages . . .	9,479	6,000	47	163	243	365	305	1,001	631	469	255	-	3,479	17
Other iron and steel workers . . .	104,547	54,000	224	892	1,076	1,982	2,311	7,367	4,789	4,475	6,586	1,345	31,047	-
<b>Leather and Its Finished Products.</b>														
Harness and saddle makers and re- parers . . .	151,385	30,000	774	2,605	3,328	5,814	5,435	16,203	10,848	9,811	12,234	5,833	72,885	-
Leather belt, leather case and pocket- book makers . . .	95	-	-	-	-	-	28	-	67	-	-	-	-	95
Shoes . . .	5,341	6,000	23	58	47	119	294	423	183	272	322	-	1,741	-
Tanneries . . .	72,891	24,000	494	1,015	2,135	3,799	3,617	10,968	6,907	7,525	8,252	3,789	49,141	-
Trunk makers . . .	774	-	257	928	1,138	1,896	1,496	4,769	3,487	1,749	3,670	2,044	21,434	474
<b>Liquors and Beverages.</b>														
Breweries . . .	9,744	6,000	43	131	208	122	302	623	505	543	217	450	3,144	-
Distilleries . . .	304	-	5	16	8	-	22	36	-	-	217	-	304	-
Other liquor and beverage workers . . .	300	6,000	38	115	200	122	280	587	505	543	-	450	2,840	-
<b>Lumber and Its Re-manufacture.</b>														
Box makers (wood) . . .	65,687	6,000	225	689	876	1,665	1,652	5,421	3,806	2,506	3,372	1,825	22,037	-
Furniture . . .	3,543	-	22	81	89	276	204	760	598	240	223	-	2,493	-
Pianos and organs . . .	25,733	6,000	79	214	467	581	553	2,243	1,137	1,295	1,514	400	8,483	-
Saw and planing mills . . .	918	-	2	9	34	76	154	157	161	325	-	-	918	-
Other wood workers . . .	3,545	-	20	50	37	150	120	471	288	-	-	-	1,145	-
	31,945	-	102	385	283	624	690	1,793	1,626	810	1,310	1,425	8,998	-
<b>Metals and Metal Products Other than Iron and Steel.</b>														
Brass mills . . .	19,632	6,000	77	252	357	709	729	2,098	1,322	948	740	400	7,632	-
Clock factories . . .	566	-	3	16	47	53	-	241	-	206	-	-	566	-
Copper factories . . .	340	-	5	13	12	16	-	121	66	107	-	-	340	-
Gold and silver factories . . .	1,045	-	8	39	39	69	129	320	141	-	-	-	745	-
Jewelry factories . . .	2,552	-	9	47	31	191	180	198	196	-	200	-	1,052	-
Lead and zinc factories . . .	2,587	-	24	32	67	86	123	215	-	-	240	-	787	-
Tin plate factories . . .	2,070	-	12	65	71	109	97	430	207	179	-	-	1,170	-
Watch factories . . .	2,192	-	9	10	25	108	75	320	289	456	-	-	1,292	-
Copper and brass factories . . .	686	-	5	5	32	16	24	134	75	-	-	400	686	-
Other metal workers . . .	1,030	6,000	5	14	23	41	26	35	286	-	-	-	430	-
	6,564	-	2	11	10	20	75	84	62	-	300	-	564	-
<b>Paper.</b>														
Box makers . . .	78,730	30,000	238	768	1,284	2,034	2,191	7,486	5,478	2,690	2,411	2,100	26,680	-
Makers of blankbooks, envelopes, tags and labels, bags . . .	20,315	12,000	76	124	155	343	404	714	837	375	187	-	3,215	-
	6,385	-	20	66	158	312	145	1,064	308	172	545	-	2,785	-



Livery stables	381	-	-	-	2	4	12	-	28	125	58	152	-	-	381
Truck, transfer, hack and cab companies, garages	117,684	66,000	-	5,700	505	1,459	1,753	3,043	3,174	9,861	7,632	6,354	5,729	6,474	45,984
Street railways	61,354	48,000	-	2,100	136	340	429	797	685	2,758	2,086	751	800	11,254	11,254
Steam railroads	59,496	42,000	-	11,400	117	289	463	455	507	1,404	1,370	875	616	-	6,096
<b>Express Companies.</b>	<b>5,028</b>	-	-	-	<b>77</b>	<b>425</b>	<b>665</b>	<b>384</b>	<b>563</b>	<b>1,053</b>	<b>780</b>	<b>645</b>	<b>436</b>	-	<b>5,028</b>
Express companies	5,028	-	-	-	77	425	665	384	563	1,053	780	645	436	-	5,028
<b>Telephone and Telegraph.</b>	<b>7,997</b>	<b>6,000</b>	-	-	<b>37</b>	<b>133</b>	<b>286</b>	<b>145</b>	<b>199</b>	<b>431</b>	<b>571</b>	<b>195</b>	-	-	<b>1,997</b>
Telephone and telegraph	7,997	6,000	-	-	37	133	286	145	199	431	571	195	-	-	1,997
<b>Air Transportation.</b>	<b>304</b>	-	-	<b>300</b>	-	<b>4</b>	-	-	-	-	-	-	-	-	<b>4</b>
Air transportation	304	-	-	300	-	4	-	-	-	-	-	-	-	-	4
<b>Other Persons in Transportation.</b>	<b>9,483</b>	<b>6,000</b>	-	-	<b>21</b>	<b>106</b>	<b>99</b>	<b>309</b>	<b>254</b>	<b>743</b>	<b>352</b>	<b>662</b>	<b>487</b>	<b>450</b>	<b>3,483</b>
Other persons in transportation	9,483	6,000	-	-	21	106	99	309	254	743	352	662	487	450	3,483
<b>Trade.</b>	<b>392,308</b>	<b>150,000</b>	<b>6,000</b>	<b>32,550</b>	<b>2,680</b>	<b>7,683</b>	<b>10,056</b>	<b>15,410</b>	<b>13,556</b>	<b>44,630</b>	<b>30,671</b>	<b>24,793</b>	<b>31,239</b>	<b>23,040</b>	<b>203,758</b>
Banking and brokerage	7,820	6,000	-	-	34	108	37	203	232	412	213	181	-	400	1,820
Insurance	15,393	12,000	-	-	79	193	223	87	381	554	687	368	421	400	3,393
Real estate	36,910	18,000	-	6,600	119	327	430	599	663	2,025	2,371	1,908	2,543	1,325	12,310
Wholesale and retail trade	319,395	114,000	-	25,650	2,344	6,814	9,012	14,122	11,951	40,284	26,486	21,394	27,273	20,065	179,745
Elevators	1,227	-	-	-	13	21	30	30	76	278	144	411	224	-	1,227
Warehouses and cold-storage plants	4,031	-	-	-	51	120	197	209	200	699	494	433	778	850	4,031
Other persons in trade	7,407	-	6,000	3,000	38	89	113	160	53	378	276	-	-	-	1,107
Clerical assistants, industry, business or profession, not specified	125	-	-	-	2	11	14	-	-	-	-	98	-	-	125
<b>Professional Service.</b>	<b>56,198</b>	<b>24,000</b>	<b>6,000</b>	<b>8,250</b>	<b>261</b>	<b>867</b>	<b>1,266</b>	<b>1,231</b>	<b>1,177</b>	<b>3,605</b>	<b>2,023</b>	<b>3,125</b>	<b>2,618</b>	<b>1,775</b>	<b>17,948</b>
Professional service	56,198	24,000	6,000	8,250	261	867	1,266	1,231	1,177	3,605	2,023	3,125	2,618	1,775	17,948
<b>Domestic and Personal Service.</b>	<b>123,119</b>	<b>42,000</b>	-	<b>17,750</b>	<b>686</b>	<b>2,111</b>	<b>3,468</b>	<b>5,269</b>	<b>4,834</b>	<b>14,402</b>	<b>9,048</b>	<b>8,528</b>	<b>9,305</b>	<b>5,718</b>	<b>63,369</b>
Occupations not in industries	111,072	42,000	-	15,900	588	1,775	3,056	4,476	4,061	12,167	7,955	7,115	7,966	4,043	53,172
Laundry and laundry work	12,047	-	-	1,850	128	336	412	793	773	2,235	1,093	1,413	1,339	1,675	10,197
<b>Grand total</b>	<b>2,541,327</b>	<b>972,000</b>	<b>48,000</b>	<b>448,550</b>	<b>10,645</b>	<b>33,433</b>	<b>44,885</b>	<b>71,999</b>	<b>71,755</b>	<b>228,613</b>	<b>163,567</b>	<b>154,984</b>	<b>183,693</b>	<b>109,203</b>	<b>1,072,777</b>



TABLE V. — Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1932, to June 30, 1933.

ACTUAL AGE.	Total Cases.	TOTAL MALES.				TOTAL FEMALES.					
		Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tempo- rary Total Disa- bilities.	Total.	Deaths.	Per- manent Total Disa- bilities.	Per- manent Partial Disa- bilities.	Tempo- rary Total Disa- bilities.
12	4	4	-	-	-	4	-	-	-	-	-
13	4	4	-	-	-	4	-	-	-	-	-
14	15	15	-	-	-	15	-	-	-	-	13
15	64	51	1	-	1	49	44	-	-	-	44
16	181	137	1	-	1	135	96	-	-	-	95
17	340	244	1	-	3	241	167	-	-	1	163
18	618	451	-	-	-	438	185	-	-	4	183
19	802	617	1	-	16	600	173	-	-	2	171
20	826	653	1	-	13	639	174	-	-	2	170
21	1,001	827	1	-	10	817	151	-	-	4	150
22	1,053	902	3	-	14	885	131	-	-	1	131
23	961	830	3	-	8	819	124	-	-	1	123
24	997	873	4	-	17	852	153	-	-	-	153
25	1,185	1,032	5	-	12	1,015	80	-	-	-	80
26	840	760	1	-	12	747	88	-	-	1	87
27	836	748	1	-	10	737	96	-	-	-	96
28	983	892	1	-	19	872	79	-	-	-	79
29	840	761	2	-	13	746	104	1	-	1	102
30	1,196	1,092	3	-	18	1,071	58	-	-	1	57
31	677	619	2	-	8	609	70	-	-	1	68
32	952	862	3	-	17	860	62	1	-	1	61
33	699	640	3	-	10	627	105	-	-	1	104
34	684	622	1	-	8	613	59	-	-	2	57
35	1,117	1,012	6	-	11	995	47	-	-	1	47
36	694	635	1	-	16	618	93	-	-	2	91
37	676	629	1	1	15	612	56	-	-	2	54
38	873	780	9	-	8	763	118	-	-	-	118
39	689	633	2	-	15	616	35	-	-	-	35
40	1,135	1,017	3	-	30	984	83	-	-	-	83
41	558	523	2	-	11	510	47	1	-	3	47
42	795	712	7	-	10	695	36	-	-	-	36
43	613	566	2	-	11	553	108	-	-	-	106
44	526	490	3	-	4	483	29	-	-	-	29
45	913	805	5	1	14	785	36	-	-	2	36
46	488	459	4	-	10	445	45	1	-	-	45
47	488	452	5	-	15	432	45	-	-	-	45
48	556	511	4	1	22	484	45	-	-	-	45

49	434	395	6	-	7	382	39	-	-	1	38
50	759	680	5	-	13	602	79	-	-	-	79
51	313	294	1	-	9	284	19	-	-	-	19
52	482	433	4	-	14	415	49	-	-	-	49
53	304	283	2	-	9	272	21	-	-	1	20
54	324	304	2	-	8	294	20	-	-	-	20
55	423	389	-	-	7	382	34	-	-	2	32
56	312	293	1	-	3	289	19	-	-	-	19
57	296	210	5	-	6	199	16	-	-	-	16
58	308	294	1	-	8	285	14	-	-	-	14
59	223	205	3	-	5	197	18	-	-	-	17
60	369	337	6	-	8	323	32	-	-	1	31
61	141	141	1	-	2	137	7	-	-	-	7
62	188	180	3	1	3	184	8	-	-	-	8
63	105	153	6	-	8	139	12	-	-	-	12
64	118	112	1	-	2	109	6	-	-	1	5
65	190	180	4	-	6	170	10	-	-	2	8
66	79	79	-	-	4	75	-	-	-	-	-
67	94	89	2	-	6	80	5	-	-	-	5
68	77	73	4	1	1	68	4	-	-	-	4
69	67	65	1	-	3	61	2	-	-	-	2
70	85	83	1	-	3	79	2	-	-	-	2
71	38	37	2	1	2	32	1	-	-	-	1
72	46	42	1	-	3	38	4	-	-	-	4
73	37	34	-	-	2	31	3	-	-	-	3
74	22	20	1	1	1	18	2	-	-	-	2
75	12	12	1	-	2	9	-	-	-	-	-
76	5	5	-	-	1	5	-	-	-	-	-
77	6	6	-	-	1	5	-	-	-	-	-
78	5	4	-	-	-	4	1	-	-	-	1
79	3	2	-	-	-	2	1	-	-	-	1
80	4	4	-	-	-	4	-	-	-	-	-
Over 80	9	9	-	1	-	8	-	-	-	-	-
Grand Total	31,769	28,337	157	8	560	27,612	3,432	5	-	42	3,385



TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, July 1, 1932, to June 30, 1933.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.															
	Under															
	\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22		
<b>Agriculture, Forestry and Animal Husbandry.</b>																
Agriculture . . . . .	26	13	2	32	10	9	46	13	11	43	12	29	25	15		
Forestry . . . . .	16	9	2	29	10	7	28	11	8	33	11	24	19	10		
Animal husbandry . . . . .	5	3	-	1	-	2	13	2	1	6	1	3	4	1		
Ice harvesting . . . . .	3	1	-	-	-	-	4	-	-	-	-	1	1	4		
Extraction of Minerals.																
Quarrying . . . . .	1	-	-	-	2	3	4	3	-	2	-	7	4	4		
Building Trades.																
Hand trades . . . . .	43	19	16	39	36	47	87	70	31	106	97	154	97	87		
Chemical and Allied Products.																
Fertilizers . . . . .	8	10	7	7	9	15	13	12	23	15	9	21	10	19		
Paints, varnish and japanning . . . . .	-	-	3	-	5	-	1	2	2	3	-	-	-	1		
Powder, cartridges, fireworks, etc., makers . . . . .	2	3	-	2	-	2	3	1	1	3	-	5	2	6		
Soap makers . . . . .	2	1	1	1	-	2	2	1	1	1	2	1	1	1		
Other chemical workers . . . . .	4	5	3	4	4	11	7	4	12	6	7	13	4	9		
Clay, Glass and Stone Products.																
Brick makers . . . . .	8	-	3	11	9	1	11	4	6	17	5	10	5	3		
Potteries . . . . .	2	-	1	3	4	-	5	3	1	3	3	1	2	-		
Tile makers . . . . .	-	-	-	-	-	-	-	-	2	-	-	-	-	-		
Glass makers . . . . .	1	-	1	1	-	-	1	-	-	1	-	3	-	-		
Lime, cement and gypsum . . . . .	3	-	1	5	1	1	2	-	2	3	1	2	1	1		
Marble and stone cutters . . . . .	1	-	1	2	4	-	3	1	1	6	1	4	2	2		
Mica and isinglass . . . . .	1	-	-	-	-	-	-	-	-	1	-	-	-	-		
Clothing.																
Clothing makers . . . . .	95	37	12	39	15	12	31	15	6	21	3	20	2	4		
Corset makers . . . . .	68	22	11	30	8	10	26	12	5	17	2	17	1	2		
Hat makers, wool or felt . . . . .	2	2	-	-	2	-	-	-	-	-	-	-	-	-		
Shirt, collar and cuff makers . . . . .	6	9	1	4	4	2	4	3	1	4	1	2	1	2		
Food and Kindred Products.																
Bakeries, bread and other bakery products . . . . .	19	4	-	5	1	-	1	-	-	-	-	1	-	-		
Butter and cheese makers . . . . .	55	41	36	69	56	47	92	42	61	135	60	127	61	90		
Candy and confectionery . . . . .	18	11	7	16	17	14	36	8	7	47	5	33	18	17		
Fish curers and packers . . . . .	1	3	-	-	1	1	2	2	2	1	-	5	4	3		
Flour and grain mills . . . . .	15	15	9	15	16	9	12	10	7	12	7	12	9	6		
Flour and grain mills . . . . .	8	2	9	6	3	6	12	7	4	7	-	6	3	4		
Fruit and vegetable canners . . . . .	3	-	-	-	-	-	1	-	1	1	-	-	-	-		

Slaughter and packing houses  
Sugar makers and refiners  
Other food preparers

### Iron and Steel and Their Products.

Automobile factories  
Car and railroad shops  
Foundries and metal working, tools  
Manufacture of airplanes  
Ship and boat building  
Wagons and carriages  
Other iron and steel workers

### Leather and Its Finished Products.

Harness and saddle makers and repairers  
Leather belt, leather case, pocket-book makers  
Shoes  
Tanneries  
Trunk makers

### Liquor and Beverages.

Breweries  
Distilleries  
Other liquor and beverage workers

### Lumber and Its Re-manufacture.

Box makers (wood)  
Furniture  
Pianos and organs  
Saw and planing mills  
Other wood workers

### Metal and Metal Products Other than Iron and Steel.

Brass mills  
Clock factories  
Copper factories  
Gold and silver factories  
Jewelry factories  
Lead and zinc factories  
Tin plate factories  
Watch factories  
Copper and brass  
Other metal workers

### Paper.

Box makers (paper)  
Makers of blank books, envelopes, tags and labels, paper bags  
Paper and pulp mills  
Other paper goods

### Printing and Bookbinding.

Printing and bookbinding establishments

7	4	10	23	9	14	16	12	35	47	37	53	18	44
152	62	54	87	60	79	107	76	53	111	47	170	60	82
2	2	1	4	-	-	-	-	-	-	-	-	-	-
69	23	16	32	24	44	39	27	23	40	24	44	24	33
1	-	2	1	6	3	2	7	4	7	4	7	8	6
79	39	35	50	30	31	62	34	25	51	17	57	22	33
287	124	45	186	76	81	157	100	80	184	88	224	80	84
17	3	1	5	1	4	3	-	-	1	1	7	1	2
243	104	38	138	44	52	119	64	34	115	32	138	30	47
27	17	6	40	30	25	33	36	46	68	55	78	49	34
-	-	-	3	1	-	1	-	-	-	-	1	-	1
6	3	1	5	1	-	4	3	1	6	2	5	1	3
-	-	-	-	-	-	-	-	-	1	1	-	-	1
6	3	1	5	1	-	-	3	1	5	1	5	1	2
85	43	19	67	27	22	76	30	18	53	22	49	12	30
13	5	1	14	5	3	4	5	2	9	2	3	3	4
33	23	8	23	7	8	28	9	5	17	9	27	1	10
1	2	2	3	-	-	1	-	2	2	1	1	3	-
5	2	2	3	3	-	11	3	1	4	2	4	1	1
33	23	8	27	12	11	32	13	8	21	8	14	5	15
21	10	14	17	11	8	17	16	15	15	9	20	14	10
-	1	-	-	-	2	1	1	1	4	-	4	1	1
1	-	-	3	1	3	1	-	3	1	2	1	2	-
2	1	3	3	1	1	3	-	1	1	2	5	-	4
5	1	4	1	1	1	2	4	2	1	2	1	1	1
6	2	1	5	-	1	3	3	1	4	2	5	3	3
2	2	1	2	3	1	1	3	1	3	-	-	-	-
2	1	-	1	1	1	-	3	2	1	2	1	1	-
1	1	2	1	3	-	1	2	-	-	-	-	-	-
53	33	31	68	43	36	59	57	45	67	26	32	33	38
15	13	5	18	9	6	10	7	6	9	4	6	3	3
5	8	7	4	5	3	5	5	4	4	1	1	5	6
19	13	10	31	18	16	30	25	21	25	12	10	16	17
14	4	9	11	11	11	14	20	14	29	9	15	9	12
50	12	7	16	8	18	23	10	8	11	12	16	9	9
50	12	7	16	8	18	23	10	8	11	12	16	9	9

TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Continued.*

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES														
	Under	\$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
<b>Textiles.</b>															
Carpet mills . . . . .	370	166	155	224	170	182	224	178	143	143	148	87	143	84	76
Cotton mills . . . . .	4	—	1	3	2	1	1	4	—	4	—	—	—	—	—
Dyeing and finishing textiles . . . . .	193	65	67	83	43	61	61	58	37	37	34	21	42	29	16
Hemp and jute mills . . . . .	12	8	10	8	22	21	29	20	22	23	23	12	22	11	8
Knitting mills . . . . .	33	10	4	13	5	8	2	3	—	—	—	—	—	—	—
Linen mills . . . . .	2	3	1	3	—	—	7	7	3	3	6	5	4	1	4
Print works . . . . .	2	3	7	5	9	12	4	5	1	2	5	1	1	1	3
Rope and cordage factories, twine . . . . .	—	—	—	—	2	3	1	1	—	—	—	—	—	—	—
Sail, awning and tent makers . . . . .	—	—	—	—	1	3	1	1	—	—	—	—	—	—	—
Silk mills . . . . .	20	10	4	11	5	5	13	8	3	3	4	1	3	3	3
Woolen mills, worsted mills . . . . .	77	48	52	83	66	56	77	69	63	63	59	38	49	32	28
Not specified textile workers . . . . .	24	15	6	14	15	13	26	11	9	9	10	7	18	6	13
<b>Miscellaneous Industries.</b>															
Broom and brush makers . . . . .	123	45	37	95	56	88	126	75	68	68	102	64	109	81	101
Button makers . . . . .	1	—	—	1	2	3	1	1	—	—	1	—	—	—	—
Cigars and cigarettes . . . . .	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Electric light and power companies . . . . .	7	—	1	—	1	—	—	—	—	—	2	—	2	1	—
Electrical supplies, machinery, apparatus . . . . .	1	—	—	—	1	3	6	1	1	1	5	3	1	4	6
Gas works . . . . .	22	8	7	18	13	22	19	18	15	22	22	17	17	5	10
Oil works . . . . .	1	—	—	1	—	—	4	2	2	1	2	5	6	8	18
Rubber factories . . . . .	—	2	—	1	1	—	3	1	2	2	6	5	11	13	18
Straw factories . . . . .	38	10	11	25	21	28	50	33	29	39	22	35	25	23	23
Gas and electric companies . . . . .	1	—	—	—	1	1	1	1	—	—	—	—	1	1	2
Other miscellaneous industries . . . . .	—	—	—	—	2	4	1	—	—	—	—	—	1	5	2
<b>Water Transportation.</b>															
Water transportation . . . . .	51	25	18	49	13	27	42	18	20	20	25	12	34	20	23
<b>Road, Street and Bridge Transportation.</b>															
Construction of roads, streets, etc. . . . .	6	4	1	6	1	1	6	—	—	2	5	1	4	9	2
Livery stables . . . . .	6	4	1	6	1	—	—	—	—	2	5	1	4	9	2
Truck, transfer, cab and hack companies, garages . . . . .	143	110	42	183	67	46	132	127	80	194	149	198	159	99	99
Street railways . . . . .	108	92	31	151	50	39	70	97	48	80	117	98	102	45	45
Steam railroads . . . . .	29	17	7	28	14	6	53	22	24	108	21	78	47	44	5
Express companies . . . . .	1	—	1	1	3	—	3	4	2	1	6	10	4	5	5
<b>Express Companies.</b>															
Express companies . . . . .	7	1	1	1	1	—	3	1	1	1	6	2	9	—	3
<b>Telephone and Telegraph.</b>															
Telephone and telegraph . . . . .	7	1	1	1	1	—	3	1	1	1	6	2	9	—	3
<b>Telephone and Telegraph.</b>															
Telephone and telegraph . . . . .	28	3	—	3	2	—	1	3	4	6	2	5	1	5	5
Telephone and telegraph . . . . .	28	3	—	3	2	—	1	3	4	6	2	5	1	5	5



TABLE VI. — *Total Tabulatable Injuries, by Industries and Wage Groups, etc.* — Continued.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over.	Total.
<b>Agriculture, Forestry and Animal Husbandry.</b>														
Agriculture . . . . .	8	17	34	7	10	10	—	16	2	5	1	1	14	411
Forestry . . . . .	5	11	25	5	3	4	—	12	—	2	—	1	14	299
Animal husbandry . . . . .	—	2	5	2	3	2	—	2	1	2	1	—	—	63
Ice harvesting . . . . .	3	1	4	—	2	4	—	1	1	1	—	—	—	28
<b>Extraction of Minerals.</b>														
Quarrying . . . . .	1	2	2	2	5	5	—	5	—	3	2	2	6	65
Quarrying . . . . .	1	2	2	2	5	5	—	5	—	3	2	2	6	65
<b>Building Trades.</b>														
Hand trades . . . . .	32	170	104	39	82	132	12	204	10	29	53	9	685	2,490
Hand trades . . . . .	32	170	104	39	82	132	12	204	10	29	53	9	685	2,490
<b>Chemical and Allied Products.</b>														
Fertilizers . . . . .	9	9	25	6	8	8	6	9	—	4	1	1	32	295
Paints, varnish and japanning . . . . .	—	—	—	1	—	1	—	—	—	—	—	—	—	20
Powder, cartridges, fireworks, etc., makers . . . . .	2	—	6	2	1	1	—	1	—	—	—	—	—	5
Soap makers . . . . .	1	1	2	1	2	—	—	—	—	—	—	—	—	17
Other chemical workers . . . . .	4	1	5	1	—	3	2	2	—	—	1	—	—	56
Other chemical workers . . . . .	2	7	12	1	5	3	4	6	—	4	—	1	19	157
<b>Clay, Glass and Stone Products.</b>														
Brick makers . . . . .	2	10	16	3	6	8	3	15	—	—	5	2	54	217
Potteries . . . . .	—	2	—	—	2	—	—	—	—	—	—	—	—	4
Tile makers . . . . .	—	—	1	—	—	—	—	—	—	—	—	—	—	3
Glass makers . . . . .	—	—	—	—	1	1	—	—	—	—	—	—	—	3
Lime, cement and gypsum . . . . .	—	—	5	1	1	—	1	1	—	—	—	—	—	16
Marble and stone cutters . . . . .	2	1	3	—	—	—	—	—	—	—	—	—	—	38
Marble and stone cutters . . . . .	2	7	7	2	2	6	2	13	—	—	5	2	31	103
Mica and isinglass . . . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	4
<b>Clothing.</b>														
Clothing makers . . . . .	4	2	22	1	3	1	—	8	1	—	1	—	—	32
Corset makers . . . . .	3	—	14	1	2	1	—	8	1	—	1	—	—	27
Hat makers, wool or felt . . . . .	—	—	3	—	—	—	—	—	—	—	—	—	—	289
Shirt, collar and cuff makers . . . . .	1	1	4	—	—	—	—	—	—	—	—	—	—	9
Shirt, collar and cuff makers . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	4
<b>Food and Kindred Products.</b>														
Bakeries, bread and other bakery products . . . . .	46	75	107	32	58	52	18	90	12	22	14	9	113	1,620
Butter and cheese makers . . . . .	15	19	35	13	24	18	8	35	3	10	4	5	48	491
Candy and confectionery . . . . .	1	1	7	3	8	6	1	7	—	5	1	—	7	67
Fish curers and packers . . . . .	2	8	6	3	2	4	1	2	3	—	3	—	13	201
Flour and grain mills . . . . .	5	4	9	7	7	4	1	18	—	2	1	—	9	144
Flour and grain mills . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	5
Fruit and vegetable canners . . . . .	1	—	—	—	—	—	—	1	1	—	—	—	—	2
Fruit and vegetable canners . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	—	1

Slaughter and packing houses	17	29	29	7	7	9	3	12	3	3	1	2	7	458
Sugar makers and refiners	3	3	3	2	5	5	1	2	1	53	3	-	2	53
Other food preparers	2	10	20	-	5	6	3	13	1	2	1	2	22	190
<b>Iron and Steel and Their Products.</b>														
Automobile factories	55	82	125	35	54	42	16	125	33	31	32	23	168	2,021
Car and railroad shops	5	2	29	7	4	4	1	55	1	3	-	-	4	15
Foundries and metal working, tools	1	2	29	7	4	-	-	1	-	-	-	-	1	8
Manufacture of airplanes	19	34	36	7	17	14	6	24	17	11	15	14	59	735
Ship and boat building	5	7	3	7	7	7	5	8	6	4	6	-	14	137
Wagons and carriages	5	7	3	7	7	1	-	-	-	-	-	-	-	1
Other iron and steel workers	25	37	57	14	25	17	4	37	9	13	11	5	79	898
<b>Leather and Its Finished Products.</b>														
Harness and saddle makers and repairers	53	57	144	31	38	24	13	76	8	18	1	4	88	2,351
Leather belt, leather case, pocket-book makers	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Shoes	1	3	3	-	1	1	-	1	-	-	-	-	6	61
Tanneries	28	27	79	13	14	13	6	49	4	12	1	1	71	1,515
Trunk makers	24	27	62	18	23	9	7	26	4	6	1	3	11	765
<b>Liquor and Beverages.</b>														
Breweries	-	2	7	1	6	3	-	6	3	14	-	1	27	111
Distilleries	-	-	-	-	-	-	-	-	4	-	-	-	3	10
Other liquor and beverage workers	-	2	7	1	6	3	-	6	3	10	-	1	23	100
<b>Lumber and Its Re-manufacture.</b>														
Box makers (wood)	11	18	30	7	10	7	1	21	5	9	2	3	49	726
Furniture	-	2	1	1	2	3	-	2	2	1	-	-	3	87
Pianos and organs	2	9	20	1	3	6	-	11	2	3	-	-	22	276
Saw and planing mills	-	-	1	2	-	-	-	-	-	-	-	-	1	16
Other wood workers	1	2	2	3	5	1	1	8	1	3	2	3	21	295
<b>Metal and Metal Products Other than Iron and Steel.</b>														
Brass mills	7	9	9	8	4	2	4	6	3	1	3	-	22	275
Clock factories	-	1	1	-	1	-	1	1	-	-	-	-	3	20
Copper factories	-	-	-	-	-	-	-	-	-	-	-	-	1	12
Gold and silver factories	1	1	1	1	-	-	-	1	-	-	-	-	6	33
Jewelry factories	2	1	2	3	-	2	1	1	-	-	2	-	3	46
Lead and zinc factories	1	1	1	1	-	-	1	1	2	1	-	-	4	40
Tin plate factories	2	4	2	1	2	-	1	2	1	-	1	-	2	48
Watch factories	2	1	1	2	1	-	-	-	-	-	-	-	-	35
Copper and brass	-	-	1	1	-	-	-	-	-	-	-	-	1	17
Other metal workers	-	-	-	1	-	-	-	-	-	-	-	-	2	13
<b>Paper.</b>														
Box makers (paper)	18	28	38	17	21	16	7	24	13	7	5	9	51	875
Makers of blank books, envelopes, tags and labels, paper bags	2	-	7	1	4	1	1	3	1	1	-	-	7	142
Paper and pulp mills	-	5	7	2	3	4	4	4	-	4	-	-	9	92
Other paper goods	9	17	15	12	7	5	2	10	9	4	2	6	19	382
	7	6	9	2	7	6	2	7	3	2	3	3	16	259
<b>Printing and Bookbinding.</b>														
Printing and bookbinding establishments	6	15	11	6	17	7	4	27	5	14	10	4	168	503
	6	15	11	6	17	7	4	27	5	14	10	4	168	503



TABLE VI. — Total Tabulatable Injuries, by Industries and Wage Groups, etc. — Concluded.

INDUSTRIES.	NUMBER OF TABULATABLE INJURIES.													PD. 10
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and Total over.	
Textiles.														
Carpet mills . . . . .	58	39	65	24	29	28	13	32	9	8	10	3	84	2,752
Cotton mills . . . . .	11	7	16	4	1	4	2	4	1	3	2	1	4	27
Dyeing and finishing textiles . . . . .	4	6	4	2	7	5	3	4	2	3	—	1	9	877
Hemp and jute mills . . . . .	1	—	—	1	—	—	—	—	2	—	—	1	16	285
Knitting mills . . . . .	6	3	6	1	3	2	—	2	1	—	1	—	7	137
Linen mills . . . . .	—	—	1	1	—	—	—	—	—	—	—	—	2	26
Print works . . . . .	—	3	1	—	2	1	1	1	—	—	—	—	3	72
Rope and cordage factories, twine . . . . .	—	—	—	—	1	—	—	—	—	—	—	—	13	13
Sail, awning and tent makers . . . . .	—	1	3	—	—	—	—	—	—	—	—	—	4	9
Silk mills . . . . .	3	1	3	—	—	1	—	1	—	—	1	—	2	105
Woolen mills, worsted mills . . . . .	29	12	18	13	11	11	2	15	4	2	6	1	29	950
Not specified textile workers . . . . .	4	5	9	3	3	3	5	5	1	—	—	—	8	233
Miscellaneous Industries.														
Broom and brush makers . . . . .	76	112	127	44	107	59	43	89	33	41	41	21	251	2,214
Button makers . . . . .	—	—	1	—	1	—	—	1	—	—	—	—	—	12
Cigars and cigarettes . . . . .	—	2	1	—	1	1	1	—	—	—	—	—	—	5
Electric light and power companies . . . . .	8	10	16	5	15	7	7	8	11	10	17	4	64	214
Electrical supplies, machinery, apparatus . . . . .	15	12	17	7	7	7	4	14	3	8	9	6	48	370
Gas works . . . . .	6	28	7	6	19	19	4	12	2	3	6	1	31	192
Oil works . . . . .	13	17	26	5	22	11	10	26	6	12	3	4	27	245
Rubber factories . . . . .	15	17	19	13	24	6	4	4	3	4	3	2	14	517
Straw factories . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	7
Gas and electric companies . . . . .	5	3	9	2	8	—	12	3	1	3	—	—	14	74
Other miscellaneous industries . . . . .	14	23	31	6	11	8	1	21	7	1	3	4	52	559
Water Transportation.														
Water transportation . . . . .	1	95	15	6	15	4	—	7	—	2	1	1	23	217
— . . . . .	1	95	15	6	15	4	—	7	—	2	1	1	23	217
Road, Street and Bridge Transportation.														
Construction of roads, streets, etc. . . . .	80	272	324	127	213	199	75	417	128	105	64	35	622	4,390
Livery stables . . . . .	52	181	100	94	96	133	23	212	62	25	27	16	250	2,399
Truck, transfer, cab and hack companies . . . . .	—	1	1	—	—	1	2	—	—	—	—	—	—	9
Street railways . . . . .	20	69	194	26	93	38	19	173	35	45	9	8	137	1,364
Street railroads . . . . .	3	13	15	4	15	20	17	17	19	29	17	6	150	364
Steam railroads . . . . .	5	8	14	3	9	7	14	15	12	6	11	5	85	254
Express Companies.														
Express companies . . . . .	4	11	22	4	22	26	30	43	9	26	2	4	18	256
— . . . . .	4	11	22	4	22	26	30	43	9	26	2	4	18	256
Telephone and Telegraph.														
Telephone and telegraph . . . . .	7	7	5	3	—	—	4	—	1	1	—	1	11	103
— . . . . .	7	7	5	3	—	—	4	—	1	1	—	1	11	103

<b>Air Transportation.</b>														
Air transportation . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	1	1
<b>Other Persons in Transportation.</b>														
Other persons in transportation . . . . .	2	18	12	7	17	2	8	12	1	-	1	-	4	97
<b>Trade.</b>														
Banking and brokerage . . . . .	150	272	681	107	297	186	107	461	59	118	57	92	879	6,681
Insurance . . . . .	3	1	10	2	2	2	1	8	-	3	2	-	12	74
Real estate . . . . .	-	3	10	1	6	2	4	5	3	5	3	3	60	140
Wholesale and retail trade . . . . .	10	16	27	8	10	5	1	26	1	5	1	1	34	316
Elevators . . . . .	132	241	617	90	268	171	98	409	54	104	51	86	730	5,937
Warehouses and cold storage plants . . . . .	-	-	3	-	2	-	-	-	-	-	-	1	21	29
Other persons in trade . . . . .	3	9	11	4	6	5	3	8	1	-	-	1	5	113
Clerical assistants, industry, business or profession not specified . . . . .	2	2	3	2	1	-	-	5	-	1	-	-	17	67
<b>Professional Service.</b>														
Professional service . . . . .	22	35	32	9	18	17	9	38	7	7	6	6	62	665
<b>Domestic and Personal Service.</b>														
Occupations not in industries . . . . .	50	67	120	33	55	43	15	94	13	22	12	6	162	2,045
Laundry and laundry workers . . . . .	47	65	99	27	51	34	11	76	12	16	10	6	126	1,733
Grand total . . . . .	702	1,424	2,077	559	1,094	881	388	1,825	355	487	324	238	3,626	31,769







TABLE VIII. — *Location and Nature of Disability, by Extent of Disability, July 1, 1932, to June 30, 1933.*

LOCATION AND NATURE OF INJURY.	Total. Deaths.	Per- manent Disa- bilities.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.													
				TEMPORARY DISABILITIES.													
				1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	Total.			
BRUISES, CONTUSIONS AND ABRASIONS.																	
Head.																	
Eye . . . . .	5,581	6	1	938	1,164	748	734	549	973	268	126	59	14	5,573			
Both eyes . . . . .	233	—	—	47	57	43	25	11	30	10	6	3	1	233			
External ear or ears . . . . .	90	—	—	18	24	19	13	4	9	1	2	—	—	90			
Scalp . . . . .	5	—	—	2	—	—	—	—	3	—	—	—	—	6			
Head, general . . . . .	35	—	—	1	9	4	1	—	7	—	1	—	—	35			
Head and shoulders . . . . .	79	—	—	6	20	17	6	4	7	5	1	1	—	79			
Head and shoulders . . . . .	18	—	—	2	2	3	3	—	4	2	—	2	—	18			
Face and Neck.																	
Forehead . . . . .	120	—	—	33	34	16	12	11	9	2	1	2	—	120			
Eyelids . . . . .	29	—	—	8	9	2	4	3	1	1	—	1	—	29			
Nose . . . . .	4	—	—	2	5	2	—	—	—	—	—	—	—	4			
Cheek . . . . .	16	—	—	5	5	—	—	3	1	—	—	—	—	16			
Lips and chin . . . . .	5	—	—	2	1	—	—	—	2	—	—	—	—	5			
Face, general . . . . .	8	—	—	2	4	2	—	—	—	—	—	—	—	8			
Face, general . . . . .	39	—	—	10	9	8	6	2	3	1	—	—	—	39			
Neck . . . . .	6	—	—	1	1	1	1	—	1	—	—	1	—	6			
Face and hands or arms . . . . .	13	—	—	3	3	1	1	3	1	—	1	—	—	13			
Trunk.																	
Back . . . . .	758	1	—	76	118	87	110	103	182	44	20	16	1	757			
Thorax . . . . .	249	—	—	17	34	23	34	34	69	11	13	13	1	249			
Abdomen . . . . .	163	—	—	15	20	25	26	25	37	12	3	—	—	163			
Groin . . . . .	52	—	—	4	10	6	4	7	19	2	—	2	—	52			
Anus, perineum or rectum . . . . .	2	—	—	1	4	4	3	2	4	3	—	1	—	22			
External generative organs . . . . .	28	—	—	—	1	—	7	5	5	—	—	—	—	2			
Side or sides . . . . .	226	1	—	36	44	26	36	27	42	10	4	—	—	225			
Buttocks . . . . .	16	—	—	1	2	2	2	2	6	1	—	—	—	16			
Upper Extremities.																	
Shoulder . . . . .	1,730	2	—	318	370	222	236	158	296	75	39	12	2	1,728			
Upper arm . . . . .	155	—	—	17	30	12	19	17	34	8	13	5	—	155			
Elbow . . . . .	8	—	—	—	3	—	2	1	—	—	2	—	—	8			
Forearm . . . . .	155	—	—	35	28	19	23	15	24	5	4	2	—	155			
Wrist . . . . .	44	1	—	8	12	8	9	1	4	—	1	—	—	43			
Arm, general . . . . .	63	—	—	10	14	8	14	4	8	4	1	—	—	63			
Both arms, or one arm and one hand . . . . .	141	—	—	21	33	26	19	7	25	8	1	1	—	141			
Arm and leg . . . . .	22	—	—	7	3	2	2	3	2	3	—	—	—	22			
Hand, general . . . . .	44	—	—	3	11	6	5	2	11	5	1	—	—	44			
Both hands . . . . .	253	—	—	48	55	39	39	18	39	7	5	2	1	253			
Both hands . . . . .	8	—	—	3	2	1	1	—	1	—	—	—	—	8			





Body, general	209	1	17	37	35	25	14	46	17	11	4	2	208
	209	1	17	37	35	25	14	46	17	11	4	2	208
<b>BURNS AND SCALDS.</b>													
Head.	1,289	15	145	214	206	251	131	193	55	34	16	8	1,253
Eye	144	—	33	44	23	15	11	15	2	1	—	—	144
Both eyes	108	—	20	37	15	11	9	13	2	1	—	—	108
External ear or ears	26	—	10	7	6	3	—	—	—	—	—	—	26
Head, general	3	—	2	—	—	—	—	1	—	—	—	—	3
Head and shoulders	2	—	1	—	—	—	—	—	—	—	—	—	2
	5	—	—	—	2	1	1	1	—	—	—	—	5
<b>Face and Neck.</b>													
Forehead	219	1	23	30	47	43	23	26	13	5	4	4	218
Eyelids	3	—	—	1	2	—	—	—	—	—	—	—	3
Nose	7	—	2	1	1	1	—	—	—	1	—	—	7
Lips and chin	1	—	—	—	—	—	—	—	—	—	—	—	1
Face, general	84	—	17	16	24	12	6	7	2	—	—	—	84
Neck	2	—	2	—	—	—	—	—	—	—	—	—	2
Face and hands or arms	121	1	2	11	18	30	17	19	11	4	1	4	120
<b>Trunk.</b>													
Back	30	—	—	7	4	5	1	6	3	4	—	—	30
Thorax	10	—	—	1	—	2	—	2	3	2	—	—	10
Abdomen	9	—	—	2	3	2	—	2	—	—	—	—	9
External generative organs	2	—	—	1	—	—	1	—	—	—	—	—	2
Side or sides	8	—	—	3	1	1	—	2	—	2	—	—	8
<b>Upper Extremities.</b>													
Shoulder	636	—	78	114	102	148	66	87	22	11	5	2	635
Upper arm	5	—	—	—	1	4	1	—	—	—	—	—	5
Elbow	4	—	2	—	1	1	—	—	—	—	—	—	4
Forearm	13	—	8	5	7	11	3	1	1	—	—	—	13
Wrist	45	—	4	7	4	9	9	4	4	—	—	—	44
Both wrists	29	—	—	—	—	3	—	5	—	—	—	—	29
Arm, general	8	—	—	—	—	—	—	—	—	—	—	—	8
Both arms, or one arm and one hand	101	—	10	19	24	19	7	13	4	3	2	—	101
Arm and leg	65	—	6	13	8	22	4	10	2	—	—	—	65
Hand, general	11	—	—	—	1	1	1	1	1	—	—	2	11
Both hands	154	—	24	33	22	36	12	21	3	2	1	—	154
Hand and foot	63	—	5	9	11	13	5	12	5	2	1	—	63
Palm	2	—	—	—	1	4	1	1	1	—	—	—	2
Back of hand	13	—	2	2	2	4	1	1	1	1	—	—	13
Thumb	25	—	3	4	5	5	3	4	—	—	—	—	25
Index finger	21	—	3	4	6	6	4	1	—	—	—	—	21
Middle finger	15	—	1	2	3	3	3	4	1	—	—	—	15
Ring finger	7	—	3	2	1	1	2	2	—	—	—	—	7
Little finger	5	—	1	—	1	1	1	1	—	—	—	—	5
Thumb and one finger	2	—	—	1	1	1	1	1	—	—	—	—	2
Thumb and two or more fingers	5	—	—	—	1	2	1	1	—	—	—	—	5
Two fingers	11	—	2	3	2	2	2	3	—	1	—	—	11
Three fingers	13	—	1	1	2	1	2	1	—	1	—	—	13
Four fingers	5	—	1	2	2	—	—	—	—	1	—	—	5
One finger, not specified	4	—	—	2	—	—	1	—	—	—	—	—	4

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.		Per- manent Total Partial Disa- bilities.	NUMBER OF CASES.										
			TEMPORARY DISABILITIES.										
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	
BURNS AND SCALDS.—Con.													
Upper Extremities.—Con.													
Two or more fingers on both hands	5	—	—	2	2	—	—	1	—	—	—	—	5
Both thumbs	2	—	—	—	—	1	—	—	—	—	—	—	2
One finger on each hand	1	—	—	—	—	—	—	—	—	—	—	—	1
Lower Extremities.													
Hip	195	1	10	17	25	37	26	54	11	10	4	—	194
Upper leg	2	—	—	—	1	2	—	—	—	—	—	—	2
Lower leg	4	—	—	1	4	7	—	4	1	—	—	—	4
Leg, general	12	—	—	1	4	7	3	7	1	6	1	—	12
Both legs	32	—	1	5	2	2	4	7	2	—	—	—	32
Both ankles	25	1	—	2	2	3	1	5	1	—	—	—	24
Ankle	13	—	—	1	2	3	—	—	—	—	—	—	13
Both ankles	4	—	—	1	—	—	—	—	—	—	—	—	4
Instep	2	—	—	—	1	—	—	1	—	—	—	—	2
Heel	5	—	—	—	—	—	1	2	—	—	—	—	5
Foot	78	—	6	4	13	14	13	21	6	1	—	—	78
Both feet	15	—	1	—	—	2	3	6	—	—	—	—	15
Both feet and lesser toe or toes	1	—	1	—	—	—	—	—	—	—	—	—	1
Great toe and lesser toes	1	—	—	—	—	—	—	—	—	—	—	—	1
Two or more lesser toes	2	—	—	—	—	—	1	—	—	—	—	—	2
Body.													
Body, general	45	13	1	2	5	3	4	5	4	3	3	2	32
	45	13	1	2	5	3	4	5	4	3	3	2	32
CONCUSSIONS.													
Head.													
Brain	45	3	1	2	2	2	3	6	5	6	6	5	38
Spinal cord	44	3	1	2	2	2	3	6	5	6	6	4	37
	1	—	—	—	—	—	—	—	—	—	—	1	1
CUTS, PUNCTURES AND LACERATIONS.													
Head.													
Head	9,106	6	3	1,629	2,027	1,358	828	1,352	325	166	60	22	9,096
Eye	566	—	1	141	157	78	38	56	17	11	6	2	565
Both eyes	224	—	—	60	81	34	20	11	4	—	—	—	224
External ear	1	—	—	—	—	1	—	—	—	—	—	—	1
Scalp	14	—	—	4	2	4	2	2	—	—	—	—	14
Head, general	263	—	1	58	57	35	31	22	8	10	3	2	262
Head and shoulders	59	—	—	19	17	6	3	7	3	—	—	—	59
	5	—	—	2	—	2	—	—	2	—	—	—	5

Face and Neck.		344	111	88	48	30	25	24	10	5	3	344
Forehead	.	140	52	28	17	13	11	8	5	4	2	140
Eyelids	.	14	6	6	3	1	1	1	2	1	1	14
Nose	.	31	6	12	3	2	1	4	1	1	1	31
Cheek	.	19	6	6	2	3	1	4	2	1	1	19
Tongue	.	2	1	1	1	1	1	1	1	1	1	2
Lips and chin	.	57	27	15	7	3	4	1	1	1	1	57
Face, general	.	69	17	16	14	7	6	7	1	1	1	69
Neck	.	6	1	2	1	1	1	1	1	1	1	6
Throat	.	1	1	1	1	1	1	1	1	1	1	1
Face and hands or arms	.	5	1	2	1	1	1	1	1	1	1	5
Trunk.		59	10	13	9	7	4	12	3	1	1	59
Back	.	14	2	3	2	3	1	3	1	1	1	14
Thorax	.	6	4	1	1	1	1	1	1	1	1	6
Abdomen	.	13	2	6	1	1	2	1	1	1	1	13
Groin	.	4	1	2	1	1	1	2	1	1	1	4
Anus, perineum or rectum	.	1	1	1	1	1	1	1	1	1	1	1
External generative organs	.	5	1	1	1	1	1	2	1	1	1	5
Side or sides	.	11	1	1	3	1	1	3	1	1	1	11
Buttocks	.	5	1	1	1	1	1	1	1	1	1	5
Upper Extremities.		6,641	1,064	1,380	1,001	1,037	657	1,065	237	130	44	18
Shoulder	.	14	4	2	5	2	2	2	1	1	1	14
Upper arm	.	15	2	3	1	2	2	6	2	2	2	15
Elbow	.	54	8	15	9	9	6	1	1	1	1	54
Forearm	.	149	23	32	25	25	14	17	4	5	2	149
Wrist	.	218	43	40	36	35	20	29	5	3	4	218
Arm, general	.	207	32	50	27	28	27	28	5	5	1	207
Both arms, or one arm and one hand	.	24	1	7	7	2	4	1	1	2	1	24
Arm and leg	.	10	1	2	4	2	1	1	1	1	1	10
Hand, general	.	1,097	188	237	183	178	100	120	43	13	10	1,097
Both hands	.	20	1	5	3	2	4	3	1	1	1	20
Hand and foot	.	9	1	3	1	2	1	1	1	1	1	9
Palm	.	310	56	72	49	47	22	49	7	6	2	310
Back of hand	.	175	33	38	28	21	21	25	5	4	2	175
Thumb	.	1,010	161	199	141	175	101	163	38	26	5	1,010
Index finger	.	1,123	166	233	178	172	110	194	42	16	7	1,120
Middle finger	.	740	106	139	107	110	74	141	29	11	3	740
Ring finger	.	359	69	71	41	53	35	69	9	8	2	358
Little finger	.	408	80	73	62	63	41	70	12	5	1	407
Thumb and one finger	.	62	4	8	5	13	4	23	2	3	1	62
Thumb and two fingers	.	18	2	2	4	2	1	5	2	1	1	18
Two fingers	.	304	32	42	40	49	38	69	19	11	4	304
Three fingers	.	82	4	8	14	13	9	24	3	5	2	82
Four fingers	.	28	1	3	7	4	1	8	2	1	2	28
One finger, not specified	.	195	47	53	23	27	21	15	7	2	1	195
Index finger on each hand	.	3	1	1	1	1	1	1	1	1	1	3
Both thumbs	.	1	1	1	1	1	1	1	1	1	1	1
One finger on each hand	.	6	1	3	1	1	1	1	1	1	1	6

TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Per- manent Total Dis- abilities.	NUMBER OF CASES.											Over 1 Year.	
		TEMPORARY DISABILITIES.												
		1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.			
CUTS, PUNCTURES AND LACERATIONS.—Con.														
Lower Extremities.	1,479	302	385	221	193	104	190	56	18	7	2	1,478		
Hip . . . . .	1	2	1	2	1	1	—	2	—	—	—	9		
Upper leg . . . . .	9	13	14	11	16	5	6	2	—	—	—	62		
Knee . . . . .	—	15	26	17	11	12	25	2	3	—	1	117		
Both knees . . . . .	—	—	—	—	—	—	—	—	—	—	—	—		
Lower leg . . . . .	117	—	—	—	—	—	—	—	—	—	—	117		
Leg, general . . . . .	118	19	26	18	17	8	22	5	3	—	—	118		
Both legs . . . . .	164	26	33	25	21	10	36	9	3	1	—	164		
Both ankles . . . . .	9	—	3	1	—	—	4	—	—	—	—	9		
Ankle . . . . .	45	10	8	8	9	4	6	—	—	—	—	45		
Both ankles . . . . .	1	1	—	—	—	—	—	—	—	—	—	1		
Instep . . . . .	20	5	3	2	3	3	3	1	—	—	—	20		
Heel . . . . .	34	7	7	1	5	3	4	2	2	3	—	34		
Foot . . . . .	720	167	224	113	90	41	54	21	5	3	1	719		
Both feet . . . . .	1	—	—	—	—	—	1	—	—	—	—	1		
Great toe . . . . .	121	26	28	16	17	11	16	5	2	—	—	121		
Lesser toe . . . . .	27	3	6	4	2	4	3	5	—	—	—	27		
One toe, not specified . . . . .	14	6	1	3	—	—	3	1	—	—	—	14		
Great toe and lesser toes or toe . . . . .	10	1	2	—	—	1	5	1	—	—	—	10		
Two or more lesser toes . . . . .	5	1	2	—	—	—	2	—	—	—	—	5		
Body.	17	1	4	1	3	—	5	2	1	—	—	17		
Body, general . . . . .	17	1	4	1	3	—	5	2	1	—	—	17		
DISLOCATIONS.														
Trunk.	133	6	12	7	12	13	36	23	13	7	2	131		
Vertebrae . . . . .	8	—	2	2	1	—	2	1	—	—	—	8		
Sacro-iliac joint . . . . .	2	—	1	—	1	—	—	—	—	—	—	2		
Ribs . . . . .	1	—	—	—	—	—	1	—	—	—	—	1		
Sacrum and coccyx . . . . .	3	—	1	1	—	—	1	1	—	—	—	3		
Pelvis . . . . .	1	—	—	1	—	—	—	—	—	—	—	1		
Upper Extremities.														
Clavicle . . . . .	87	4	9	2	5	8	26	18	6	5	2	85		
Shoulder joint . . . . .	4	—	1	—	—	—	—	—	—	—	—	4		
Humerus . . . . .	45	1	5	—	3	3	12	10	5	4	1	44		
Olecranon . . . . .	1	—	—	—	1	—	—	—	—	—	—	1		
Ulna . . . . .	10	—	1	—	1	2	4	2	1	—	—	10		
Radius and ulna . . . . .	1	—	—	—	—	—	1	1	—	—	—	1		





TABLE VIII. — *Location and Nature of Injury, by Extent of Disability, etc. — Continued.*

LOCATION AND NATURE OF INJURY.	Per- manent Total. Deaths.	Per- manent Partial Disa- bilities.	NUMBER OF CASES.											Over 1 Year.
			TEMPORARY DISABILITIES.											
			1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	52 Weeks.		
FRACTURES.—Con.														
One finger on each hand	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Index finger	78	—	—	—	—	—	—	—	—	—	—	—	—	78
Middle finger	68	—	—	—	—	—	—	—	—	—	—	—	—	68
Ring finger	63	—	—	—	—	—	—	—	—	—	—	—	—	63
Little finger	67	—	—	—	—	—	—	—	—	—	—	—	—	67
Thumb and one finger	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Two fingers	31	—	—	—	—	—	—	—	—	—	—	—	—	31
Three fingers	8	—	—	—	—	—	—	—	—	—	—	—	—	8
Four fingers	3	—	—	—	—	—	—	—	—	—	—	—	—	3
Lower Extremities.														
Hip joint	1,081	13	12	32	40	69	92	358	174	132	103	52	1,064	9
Femur	11	2	—	—	—	—	—	2	1	1	3	2	25	25
Patella	29	—	—	—	—	—	—	1	1	2	13	8	1	1
Both knees.	30	1	—	—	—	—	2	5	4	10	7	1	—	—
Tibia	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Fibula	26	—	—	—	—	—	—	—	—	—	—	—	—	—
Tibia and fibula	43	1	—	—	—	—	—	5	6	8	6	1	—	—
Both heels	85	2	—	—	—	—	—	15	11	12	2	2	42	25
Both legs	5	1	—	—	—	—	—	11	9	28	28	7	83	4
Tarsus	9	—	—	—	—	—	—	—	—	1	—	—	—	—
Metatarsals	133	—	—	—	—	—	—	—	3	1	—	—	—	—
Both ankles	194	4	1	2	3	8	20	30	37	29	20	5	129	194
Ossicles	1	—	—	—	—	—	—	75	37	29	13	6	—	—
Both feet	29	—	—	—	—	—	—	—	—	—	—	1	—	—
Great toe	5	—	—	—	—	—	—	3	7	4	7	8	—	—
Lesser toe	341	—	—	—	—	—	—	—	—	—	—	—	—	—
One toe, not specified	65	—	5	27	19	44	46	155	37	5	2	1	341	65
Great toe and lesser toes or toe	34	—	5	7	7	14	14	26	4	1	—	—	—	—
Two or more lesser toes	16	—	1	2	6	2	3	14	6	—	—	—	—	—
SPRAINS AND STRAINS.														
Head.	8,312	5	827	1,567	1,035	985	732	1,579	927	386	204	56	8,298	4
Both eyes	4	—	3	1	—	—	—	—	—	—	—	—	—	—
Head and shoulders	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Face and Neck	3	—	3	—	—	—	—	—	—	—	—	—	—	—
Neck	36	—	6	9	4	4	3	5	3	1	—	1	36	36

## Trunk.

Back	5,046	5	1	3	374	762	579	546	425	1,078	783	289	153	48	5,037
Thorax	3,463	2	1	3	288	604	490	439	336	701	270	168	117	44	3,457
Abdomen	70	-	-	-	11	16	6	11	7	10	3	5	1	-	70
Groin	137	-	-	-	26	24	18	22	13	20	12	4	2	-	137
External generative organs	97	-	-	-	11	17	10	12	9	19	13	4	1	-	97
Hernia	6	-	-	-	2	2	-	-	1	-	-	-	-	-	6
Side or sides	856	3	-	-	4	6	6	6	12	242	451	100	23	3	853
Sacro-iliac joint	351	-	-	-	32	91	45	46	32	67	28	8	2	-	351
	66	-	-	-	2	2	4	9	15	18	6	2	7	1	66
<b>Upper Extremities.</b>															
Shoulder	1,144	-	-	1	143	262	133	167	121	203	54	35	22	3	1,143
Both shoulders	374	-	-	-	38	71	42	52	37	78	20	17	16	3	374
Upper arm	1	-	-	-	1	3	1	-	-	-	1	-	-	-	1
Elbow	6	-	-	-	1	8	5	5	4	4	1	-	2	-	6
Forearm	36	-	-	-	7	2	2	7	6	5	1	-	-	-	36
Wrist	24	-	-	-	1	2	32	59	45	48	17	8	1	-	24
Both wrists	335	-	-	1	44	80	2	1	13	31	4	4	2	-	334
Arm, general	7	-	-	-	-	2	19	13	13	-	1	-	-	-	7
Both arms, or one hand and one arm	132	-	-	-	20	26	3	1	1	4	1	-	-	-	132
Both arms, or one hand and one arm	5	-	-	-	1	3	-	1	1	1	-	-	-	-	5
Hand, general	11	1	-	-	1	1	1	1	2	4	1	-	-	-	11
Both hands	95	-	-	-	11	31	15	10	6	14	7	1	-	-	95
Hand and foot	1	-	-	-	1	1	-	-	1	1	-	-	-	-	1
Both hands	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Back of hand	3	-	-	-	1	2	-	-	-	-	-	-	-	-	3
Thumb	59	-	-	-	11	13	5	10	4	9	3	3	1	-	59
Index finger	10	-	-	-	4	2	1	1	1	2	10	9	-	-	10
Middle finger	9	-	-	-	2	1	1	1	1	3	-	1	-	-	9
Ring finger	6	-	-	-	3	2	2	3	1	1	-	-	-	-	6
Little finger	12	-	-	-	2	3	-	-	-	-	-	-	-	-	12
Thumb and one finger	5	-	-	-	1	2	1	1	-	1	-	-	-	-	5
Two fingers	3	-	-	-	1	2	1	1	-	1	-	-	-	-	3
Three fingers	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Four fingers	1	-	-	-	1	1	1	-	-	-	-	-	-	-	1
One finger, not specified	4	-	-	-	1	2	1	-	-	-	-	-	-	-	4
Both Thumbs	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1
<b>Lower Extremities.</b>															
Hip	2,039	-	-	1	294	522	312	265	180	288	84	59	30	4	2,038
Both hips	53	-	-	-	6	19	7	3	3	10	3	2	-	-	53
Upper leg	1	-	-	-	1	1	-	-	-	-	-	-	-	-	1
Knee	25	-	-	-	6	8	3	2	3	3	-	-	-	-	25
Both knees	387	-	-	1	34	58	53	54	34	78	31	24	16	4	386
Both legs or one leg and one foot	2	-	-	-	-	-	-	-	-	1	-	-	-	-	2
Lower leg	14	-	-	-	1	3	1	-	3	3	1	2	-	-	14
Leg, general	28	-	-	-	5	7	5	2	5	5	2	-	-	-	28
Ankle	182	-	-	-	14	30	33	21	27	28	8	10	4	-	182
Both ankles	1,129	-	-	-	191	325	173	153	91	135	35	17	9	-	1,129
Instep	5	-	-	-	-	-	1	2	2	1	-	-	-	-	5
Heel	19	-	-	-	4	9	2	2	2	5	-	-	-	-	19
	17	-	-	-	1	6	2	1	2	-	-	-	-	-	17

TABLE VIII. — Location and Nature of Injury, by Extent of Disability, etc. — Continued.

LOCATION AND NATURE OF INJURY.	Per- manent Total Partial Deaths. Dis- abilities, bilities.	NUMBER OF CASES.												TEMPORARY DISABILITIES.					Over 1 Year.
		NUMBER OF CASES.												TEMPORARY DISABILITIES.					
		1 to 3 Days.	4 to 7 Days.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	4 to 8 Weeks.	8 to 13 Weeks.	13 to 26 Weeks.	26 to 52 Weeks.	Over 1 Year.	TEMPORARY DISABILITIES.							
SPRAINS AND STRAINS.—Con.																			
Foot . . . . .	—	32	45	29	21	7	19	4	4	1	—	162	3	—	—	—	—		
Both feet . . . . .	—	—	1	—	1	—	1	—	—	—	—	10	3	—	—	—	—		
Great toe . . . . .	—	—	1	—	1	—	—	—	—	—	—	2	2	—	—	—	—		
Lesser toe . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Body.	—	7	11	7	3	3	5	2	2	—	—	40	4	—	—	—	—		
Body, general . . . . .	—	7	11	7	3	3	5	2	2	—	—	40	4	—	—	—	—		
ALL OTHER.	5	525	754	376	398	286	601	217	129	86	25	3,397	25	—	—	—	—		
Head . . . . .	2	174	173	84	80	33	62	20	11	9	6	632	6	—	—	—	—		
Eye . . . . .	—	128	124	59	56	25	35	9	4	2	2	444	2	—	—	—	—		
Both eyes . . . . .	—	21	20	8	7	2	9	2	—	—	—	70	1	—	—	—	—		
Internal ear . . . . .	—	1	1	1	1	—	—	—	—	—	—	3	—	—	—	—	—		
Internal ear . . . . .	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—		
External ear or ears . . . . .	—	1	—	1	1	1	—	1	—	—	—	4	—	—	—	—	—		
Scalp . . . . .	—	1	2	—	—	—	—	—	—	—	—	4	—	—	—	—	—		
Head, general . . . . .	—	23	26	14	13	4	17	8	7	7	2	121	2	—	—	—	—		
Head and shoulders . . . . .	—	—	—	1	1	1	1	—	—	—	1	5	—	—	—	—	—		
Face and Neck.	1	21	27	12	14	2	12	2	—	—	—	90	—	—	—	—	—		
Forehead . . . . .	—	3	2	—	—	—	—	—	—	—	—	5	—	—	—	—	—		
Eyelids . . . . .	—	1	1	—	1	1	—	—	—	—	—	4	—	—	—	—	—		
Nose . . . . .	—	3	1	4	3	—	—	—	—	—	—	11	—	—	—	—	—		
Cheek . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Teeth . . . . .	—	6	7	1	3	—	—	—	—	—	—	17	—	—	—	—	—		
Lips and chin . . . . .	—	2	3	—	—	—	1	—	—	—	—	7	—	—	—	—	—		
Face, general . . . . .	1	2	5	4	5	—	1	1	—	—	—	18	—	—	—	—	—		
Neck . . . . .	—	1	4	2	1	1	7	—	—	—	—	16	—	—	—	—	—		
Throat . . . . .	—	3	2	1	—	—	—	—	—	—	—	3	—	—	—	—	—		
Face and hands or arms . . . . .	—	—	1	—	—	—	3	1	—	—	—	8	—	—	—	—	—		
Trunk.	1	62	118	64	70	54	133	45	33	23	8	610	8	—	—	—	—		
Spinal cord . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Back . . . . .	—	25	60	36	36	23	62	25	17	18	8	310	8	—	—	—	—		
Thorax . . . . .	—	7	17	6	7	4	17	4	6	1	—	69	—	—	—	—	—		
Abdomen . . . . .	—	8	10	3	3	5	10	3	4	1	—	47	—	—	—	—	—		
Groin . . . . .	—	3	6	—	1	—	5	—	2	1	—	26	—	—	—	—	—		
Anus, perineum or rectum . . . . .	—	—	—	1	—	—	—	—	—	—	—	2	—	—	—	—	—		











TABLE IX. — *Cases of Infection, by Nature of Injury, July 1, 1932, to June 30, 1933.*

NATURE OF INJURY.	Total.	Fatales.	Permanent	Permanent	Temporary
			Total Disabilities.	Partial Disabilities.	Total Disabilities.
Abrasions, contusions and bruises . . . . .	432	3	—	—	429
Burns . . . . .	80	—	—	—	80
Cuts, punctures and lacerations. . . . .	2,013	6	—	1	2,006
Fractures . . . . .	6	2	—	—	4
Sprains and strains . . . . .	3	—	—	1	2
All other. . . . .	420	1	—	2	417
Amputations . . . . .	31	—	—	31	—
<b>Grand total . . . . .</b>	<b>2,985</b>	<b>12</b>	<b>—</b>	<b>35</b>	<b>2,938</b>

TABLE X. — Causes of Injuries, by Extent of Disability, July 1, 1932, to June 30, 1933.

CAUSES.	NUMBER OF TABULATABLE INJURIES.										DAYS LOST DUE TO —				
	TEMPERARY DISABILITIES.					PERMANENT DISABILITIES.					TEMPERARY DISABILITIES.				
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	7 Days and under.	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	7 Days and under.	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	7 Days and under.
<b>Machinery.</b>	4,184	10	—	365	1,744	478	483	1,104	438,900	60,000	245,150	114,718	8,675	5,627	4,730
PRIME MOVERS.	38	—	—	3	18	5	4	8	2,417	—	900	2,417	94	46	30
Compressed air motors . . . . .	17	—	—	2	8	2	2	3	1,347	—	600	1,347	34	22	8
Electric motors and dynamos . . . . .	5	—	—	—	3	—	1	1	139	—	118	139	—	14	7
Gas and gasoline engines . . . . .	8	—	—	1	3	—	1	3	434	—	300	434	—	10	12
Steam engines . . . . .	2	—	—	—	2	—	—	—	336	—	—	336	—	—	—
Water motors . . . . .	2	—	—	—	—	—	—	—	39	—	—	39	—	—	—
Other prime movers . . . . .	4	—	—	—	2	1	—	1	108	—	—	84	21	—	3
<b>POWER-TRANSMISSION APPARATUS.</b>	47	—	—	7	22	4	4	10	6,876	—	4,200	2,517	74	53	32
Belts and pulleys . . . . .	32	—	—	4	17	3	2	6	5,398	—	3,300	2,080	59	27	22
Chains and sprockets . . . . .	2	—	—	1	—	—	—	1	302	—	300	—	—	—	2
Cogs, cams, gears, and friction wheels . . . . .	3	—	—	1	1	—	—	1	329	—	300	25	—	—	4
Shafts . . . . .	10	—	—	1	4	1	2	2	747	—	300	402	15	26	4
<b>FARM MACHINES.</b>	7	—	—	1	3	—	3	—	433	—	300	103	—	30	—
Miscellaneous machines . . . . .	6	—	—	1	2	—	3	—	411	—	300	81	—	30	—
Hay pressers and balers . . . . .	1	—	—	—	1	—	—	—	22	—	—	22	—	—	—
<b>ENGINEERING AND CONTRACTING MACHINES.</b>	112	—	—	5	48	13	10	36	7,108	—	1,950	4,676	230	102	150
Miscellaneous machines . . . . .	73	—	—	4	31	5	6	27	4,887	—	1,650	2,981	88	61	107
Concrete mixers . . . . .	19	—	—	4	8	4	3	4	1,140	—	—	1,017	74	28	21
Grouting machines and cement guns . . . . .	1	—	—	—	1	—	—	—	89	—	—	89	—	—	—
Road rollers . . . . .	5	—	—	1	1	1	—	3	234	—	—	200	18	—	16
Rock drills . . . . .	13	—	—	1	6	3	1	2	702	—	300	333	50	13	6
Well drills . . . . .	1	—	—	—	1	—	—	—	56	—	—	56	—	—	—
<b>CHEMICAL PRODUCTS MACHINES.</b>	6	—	—	1	2	1	—	2	385	—	300	55	21	—	9
Paints, Varnishes, Dry Colors, Inks and Dyes . . . . .	3	—	—	—	1	1	—	1	48	—	—	25	21	—	2
Miscellaneous machines . . . . .	1	—	—	—	—	—	—	—	7	—	—	—	—	—	—
Crushers . . . . .	2	—	—	1	1	—	—	1	330	—	300	30	—	—	7
Pony and paint mixers . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Soap, Greases, Oils and Fertilizers.</b>	2	—	—	—	2	—	—	—	100	—	—	100	—	—	—
Miscellaneous machines . . . . .	2	—	—	—	2	—	—	—	100	—	—	100	—	—	—





*Presses and Punches (Power)*

Miscellaneous presses . . . . .	32	—	—	16	8	2	1	5	7,367	—	—	—	6,750	550	33	11	23
Arbor presses . . . . .	5	—	1	—	1	1	—	2	371	—	—	—	300	41	20	10	10
Bull dozers . . . . .	1	—	1	—	1	—	—	1	74	—	—	—	—	74	—	—	7
Draw presses . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Embossing presses . . . . .	1	—	—	10	29	3	2	6	3,000	—	—	—	3,000	—	—	—	—
Punch, stamping and trimming presses . . . . .	59	—	—	—	—	—	—	—	10,500	—	—	—	8,850	1,556	49	20	25
Punch and eyeletting machines . . . . .	1	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	3
Punch and riveting presses . . . . .	9	—	—	2	—	—	—	3	1,273	—	—	—	600	660	—	—	13
Presses (foot and hand operated) . . . . .	28	—	—	3	20	1	—	4	3,043	—	—	—	1,800	1,206	21	—	16
Presses (hydraulic, pneumatic and screw) . . . . .	14	—	—	—	1	3	—	3	37	—	—	—	—	29	—	—	8
Reamers . . . . .	14	—	—	—	4	3	3	4	280	—	—	—	—	174	55	33	18
Rolling and blooming mills . . . . .	12	—	—	3	3	3	1	2	2,191	—	—	—	1,800	312	55	13	11
<i>Saws.</i>																	
Miscellaneous saws . . . . .	11	—	—	—	7	1	2	1	437	—	—	—	—	394	19	22	2
Band saws . . . . .	3	—	—	—	—	1	1	1	36	—	—	—	—	—	16	7	7
Circular saws . . . . .	8	—	—	4	2	1	1	1	2,189	—	—	—	2,100	64	21	13	4
Hack saws . . . . .	1	—	—	—	1	—	—	—	72	—	—	—	—	72	—	—	—
Scroll or jig saws . . . . .	1	—	—	—	—	—	—	—	5	—	—	—	—	—	—	—	5
Shears . . . . .	11	—	—	3	6	—	—	2	3,058	—	—	—	2,400	686	—	22	—
Welding and gear cutting machines . . . . .	9	—	—	—	2	—	2	5	98	—	—	—	—	35	—	21	—
Wire working machines . . . . .	11	—	—	2	2	3	3	3	832	—	—	—	600	160	56	16	16
Wire and tube working machines . . . . .	9	—	—	2	2	1	2	2	729	—	—	—	600	70	21	27	11
<i>LEATHER WORKING MACHINES.</i>																	
<i>Leather Products.</i>																	
Miscellaneous leather machines . . . . .	626	—	—	41	244	90	79	172	51,988	—	—	—	34,100	14,600	1,625	930	733
Buffing and scouring machines . . . . .	492	—	—	30	181	77	63	141	38,843	—	—	—	26,000	10,091	1,395	744	613
Cutting machines . . . . .	13	—	—	2	17	10	4	16	2,041	—	—	—	600	1,130	195	43	73
Punching and pressing machines . . . . .	47	—	—	5	2	1	3	7	167	—	—	—	—	77	17	37	36
Sewing machines . . . . .	10	—	—	—	20	6	3	13	5,280	—	—	—	4,200	878	112	38	52
Miscellaneous shoemaking machines . . . . .	46	—	—	1	3	3	2	1	943	—	—	—	—	106	56	25	6
Rolling machines . . . . .	91	—	—	6	12	11	6	16	1,712	—	—	—	900	1,812	192	73	67
Lacing machines . . . . .	4	—	—	—	32	14	12	27	4,411	—	—	—	2,100	1,812	250	135	114
Stamping machines . . . . .	5	—	—	—	4	—	—	—	195	—	—	—	—	195	—	—	—
Lasting machines . . . . .	11	—	—	—	7	2	2	1	77	—	—	—	—	317	75	—	2
Eyeletting machines . . . . .	3	—	—	2	23	7	6	13	370	—	—	—	600	906	120	20	—
Trimming machines . . . . .	22	—	—	3	8	3	4	8	1,755	—	—	—	—	—	42	73	56
Drinking machines . . . . .	37	—	—	1	—	—	—	—	10	—	—	—	—	—	—	—	10
Nailers and tackers . . . . .	32	—	—	3	11	3	9	18	4,949	—	—	—	4,550	280	52	48	19
Skiving machines . . . . .	23	—	—	3	21	4	1	3	1,090	—	—	—	300	568	56	114	52
Grading and sorting machines . . . . .	24	—	—	—	5	4	3	11	3,494	—	—	—	1,950	1,450	68	14	12
Embossing machines . . . . .	8	—	—	—	6	4	6	8	325	—	—	—	—	172	69	34	50
Embossing machines . . . . .	16	—	—	6	3	—	1	4	474	—	—	—	—	288	71	71	44
Embossing machines . . . . .	134	—	—	11	63	13	16	31	11,064	—	—	—	10,050	982	20	9	3
<i>Tanneries.</i>																	
Miscellaneous machines . . . . .	59	—	—	4	25	9	5	16	13,145	—	—	—	8,100	4,509	230	186	120
Buffing drums . . . . .	13	—	—	—	9	1	—	3	4,907	—	—	—	3,300	1,333	154	55	65
Fleshing, shaving and skiving machines . . . . .	31	—	—	4	10	2	10	5	1,131	—	—	—	3,600	1,096	21	—	14
									4,407	—	—	—		639	34	120	14





*Sawg.—Con.*

Saws.—Cont.										
Band re-saws	3	—	—	1	1	—	634	—	21	13
Jig or scroll	—	—	—	—	—	—	12	—	—	12
Saws, N. O. C.	3	—	—	1	—	—	1,800	—	—	7
Circular saws	85	—	—	12	—	—	19,462	53	94	14
Dado	2	—	—	1	—	—	72	70	—	—
Gang circular	2	—	—	—	—	—	90	90	—	—
Spring saws	2	—	—	1	—	—	48	33	15	—
Shapers, N. O. C.	5	—	—	—	—	—	1,983	168	15	—
PAPER PRODUCTS MACHINES.										
Miscellaneous machines	117	—	—	14	—	24	15,393	2,905	194	101
Glueing machines	53	—	—	6	—	9	8,753	1,379	38	34
Automatic box making machines	6	—	—	—	—	1	197	—	—	11
Bag and envelope making machines	18	—	—	3	5	2	1,615	131	84	23
Corner staying machines	5	—	—	3	—	—	151	125	20	—
Cutting and punching machines, N. O. C.	4	—	—	3	—	—	96	94	—	6
Die cutters	4	—	—	1	1	1	63	30	15	4
Guillotines	2	—	—	—	—	—	3	—	—	3
Paper cutter (hand)	2	—	—	1	—	—	10	—	—	7
Punches (presses)	4	—	—	3	—	—	1,361	—	—	11
Rotary cutters	1	—	—	1	—	—	1,850	50	—	—
Saws	3	—	—	—	—	—	23	23	—	—
Corrugating machines (not rolls)	2	—	—	1	—	—	61	49	—	8
Ending machines	2	—	—	1	1	—	208	189	19	—
Embossing rolls or calendars	4	—	—	1	—	—	332	32	—	—
Embossing presses	4	—	—	3	—	—	493	490	—	—
Folding presses	2	—	—	1	—	—	58	51	—	3
	4	—	—	1	1	1	110	78	18	12
		—	—	—	—	—	—	—	—	2
PAPER MAKING MACHINES.										
Miscellaneous	83	1	—	7	24	—	12,815	2,693	186	104
	38	1	—	4	9	—	9,846	1,094	118	35
Barkery, Splitters, Grinders, N. O. C.										
Barkery	2	—	—	—	2	—	9	—	—	9
Splitters	3	—	—	—	1	—	42	28	—	12
Beaters (including rag washers)	5	—	—	4	—	—	49	27	—	22
Cutters and splitters	9	—	—	3	—	—	735	88	32	15
Paper machines, N. O. C.	3	—	—	1	—	—	46	31	—	—
Apron	1	—	—	1	—	—	98	98	—	12
Calenders	10	—	—	1	—	—	628	301	20	—
Doctors	1	—	—	1	—	—	124	124	—	7
Driers	9	—	—	1	—	—	1,157	837	—	11
Suction rolls	1	—	—	—	—	—	65	65	—	—
Wire machines	1	—	—	—	—	—	16	16	—	—
PRINTING AND BOOKBINDING MACHINES.										
Linotypes	94	—	—	5	24	—	6,393	2,761	246	98
Monotypes	9	—	—	—	4	—	230	193	18	19
	1	—	—	—	—	—	14	—	—	14
Presses.										
Binding presses	4	—	—	1	—	—	400	96	—	—
Printing presses	43	—	—	1	—	—	1,987	1,399	173	77
Flat bed cylinder presses	5	—	—	1	—	—	1,646	144	—	—

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —			
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				7 Days and under.
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
<b>Machinery.—Con.</b>									
<b>PAPER-MAKING MACHINES.—Con.</b>									
Job platen presses . . . . .	7	—	—	1	3	—	—	—	14
Web newspaper presses . . . . .	1	—	—	1	—	—	—	—	—
Sewing machines . . . . .	1	—	—	—	—	—	—	—	—
Wire slitchers . . . . .	4	—	—	—	2	—	—	—	10
Other printing machines . . . . .	10	—	—	—	2	1	3	21	11
Other book-binding machines . . . . .	9	—	—	—	6	2	1	34	—
<b>TEXTILE MACHINES.</b>									
Miscellaneous machines . . . . .	741	—	—	59	297	90	94	17,831	910
Washers . . . . .	78	—	—	5	38	13	6	2,028	78
Driers . . . . .	12	—	—	—	7	1	1	789	16
Scouring machines . . . . .	3	—	—	—	2	—	—	100	7
Brading and knitting machines . . . . .	4	—	—	—	1	—	—	31	10
Carding and combing machines . . . . .	26	—	—	—	9	—	—	348	46
Cards . . . . .	95	—	—	17	1	—	—	27	—
Combs . . . . .	16	—	—	—	35	10	9	2,215	100
Garnett machines . . . . .	17	—	—	3	7	1	2	267	25
Slubbers . . . . .	1	—	—	—	8	1	2	766	11
Speeders . . . . .	12	—	—	—	1	2	—	28	—
Gill box tenders . . . . .	4	—	—	2	6	2	—	322	16
Cloth cutting and stamping machines . . . . .	13	—	—	2	2	1	2	1,050	—
Folding machines . . . . .	11	—	—	—	6	—	—	441	19
								318	5
<b>Dyeing, Finishing and Printing Machines</b>									
Dyeing and finishing machines . . . . .	41	—	—	2	19	4	7	1,022	43
Shearing machines . . . . .	9	—	—	1	3	2	1	164	2
Lappers . . . . .	4	—	—	1	1	1	—	75	3
Hat making machines . . . . .	8	—	—	1	2	1	1	78	14
Openers . . . . .	1	—	—	—	—	—	—	—	—
Pickers . . . . .	25	—	—	2	10	3	4	510	25
Rag pickers . . . . .	2	—	—	—	—	—	—	—	—
Presses . . . . .	7	—	—	—	1	—	—	42	3
Rope making machines . . . . .	16	—	—	—	4	2	3	265	—
Sewing machines . . . . .	—	—	—	—	2	—	—	69	39

	16	7	2	6	642	283	25	34
Spinning machines, N. O. C.	16	7	2	6	642	283	25	34
Jacks and mules	6	2	1	1	107	74	12	4
Spinning frames	48	15	6	16	6,177	110	51	75
Drawing frames	18	5	2	1	1,876	304	13	24
Spoolers	11	2	2	3	750	80	34	14
Twisting machines	13	4	3	1	724	320	56	46
Weaving machines, N. O. C.	31	9	6	12	1,148	358	111	24
Looms	158	71	20	42	8,464	4,075	249	186
Warpers	7	1	1	4	408	70	15	23
Winders, doublers and quillers	25	9	3	5	818	651	86	28
<b>RUBBER, CELLULOSE, COMPOSITION, PEARL, BONE AND TORTOISE SHELL (GOVERNMENT MACHINES).</b>								
Miscellaneous machines	129	57	17	28	16,091	3,617	206	113
Calenders	62	25	11	13	8,776	1,703	72	52
Comb cutting machines and ornament shapers	9	4	1	1	5,719	280	18	8
Cutting and punching machines	5	3	1	1	124	109	13	2
Cutting and slitting machines	5	2	2	1	108	74	27	7
Drills (button) etc.	8	4	1	2	288	253	12	7
Grinding, washing, milling and cracking machines	4	-	2	2	30	-	24	6
Lathes (button) etc.	11	6	1	4	378	343	15	20
Mixers (not of calendar type)	3	2	1	-	87	73	14	-
Presses, foot and hand operated	1	-	-	-	44	44	-	-
Presses and punches (mechanical)	9	3	1	2	536	237	12	7
Rubber band choppers and cutters	4	1	1	1	121	85	18	5
Saws (button) etc.	2	1	1	-	72	54	18	-
Tire and tube making machines	4	1	1	1	71	35	21	4
2	2	2	-	-	317	317	-	-
<b>LAUNDRY MACHINES.</b>								
Miscellaneous machines	62	26	8	20	3,133	1,641	155	60
Extractors	20	9	1	8	832	774	20	33
Ironing machines	6	4	-	1	389	374	13	2
Body ironers	11	3	2	4	737	82	20	13
Flat work ironers	3	2	1	-	84	63	21	-
Mangles	3	2	-	1	55	53	-	2
Washing machines	15	1	1	5	427	105	17	5
2	2	5	4	-	589	190	77	22
<b>MISCELLANEOUS.</b>								
Office machinery	42	11	3	15	874	599	54	69
Not specified machinery	10	-	3	7	58	-	33	25
32	32	11	3	8	816	599	54	44
<b>MACHINES OTHER THAN WORKING MACHINES.</b>								
Fans and blowers	53	21	6	14	7,231	2,509	96	64
Pumps	24	11	4	5	1,899	1,472	64	26
Turn tables	18	5	2	4	4,771	512	32	11
Other machines	1	1	-	-	65	-	-	16
10	10	4	1	5	496	460	-	22

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.										DAYS LOST DUE TO —			
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.		
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.
<b>Machinery.—Con.</b>														
<i>Hoisting Apparatus.</i>														
<i>Elevators Controlled (not Construction Elevators).</i>														
Cable, breaking . . . . .	331	8	—	11	188	29	28	67	71,518	48,000	6,000	16,398	523	326
Cable, unwinding . . . . .	3	—	—	—	2	1	—	—	223	—	—	206	17	—
Cable, caught by . . . . .	—	—	—	—	—	—	—	—	63	—	—	63	—	—
Car, caught between floor and . . . . .	31	2	—	1	1	—	—	1	459	—	—	154	—	—
Car, caught between shaft side and . . . . .	11	—	—	—	18	5	2	4	13,048	12,000	300	913	99	18
Car, caught between gate and . . . . .	3	—	—	—	9	1	—	1	1,323	—	—	1,295	21	7
Car, caught between car and overhead equipment or top of shaft . . . . .	3	—	—	—	2	1	—	—	178	—	—	159	19	—
Catching of load or part thereof between car and shaft . . . . .	2	—	—	—	1	1	—	—	93	—	—	76	17	—
Counter weight, struck by . . . . .	2	—	—	—	2	—	—	—	104	—	—	104	—	—
Fall of person into shaft, from floor . . . . .	31	3	—	1	21	2	—	1	26	—	—	24	—	2
Fall of person into shaft, from car . . . . .	1	—	—	—	1	—	—	—	26,020	18,000	600	1,962	39	19
Fall of person into car, from floor . . . . .	36	1	—	—	1	1	—	—	161	—	—	161	—	—
Gates, not specified . . . . .	3	—	—	—	1	—	—	—	6,055	6,000	—	40	15	—
All other . . . . .	62	1	—	2	18	1	2	14	1,438	6,000	300	1,065	16	53
					31	2	11	15	9,261		600	2,448	32	133
<i>Elevators, Automatic and Dumb Waiters.</i>														
Cable, breaking . . . . .	5	—	—	—	3	1	—	1	376	—	—	357	16	—
Cable, unwinding . . . . .	2	—	—	—	1	1	2	—	47	—	—	29	18	—
Car, caught between floor and . . . . .	6	—	—	—	3	1	—	—	192	—	—	147	18	—
Car, caught between shaft side and . . . . .	6	1	—	—	2	1	2	1	6,179	6,000	—	145	—	27
Car, caught between gate and . . . . .	2	—	—	—	—	—	—	—	15	—	—	—	—	7
Car, struck by, elsewhere . . . . .	1	—	—	—	—	—	—	1	2	—	—	—	—	8
Catching of load or part thereof between car and shaft . . . . .	3	—	—	—	2	—	—	—	409	—	—	109	—	2
Fall of person into shaft, from floor . . . . .	3	—	—	1	2	1	—	—	249	—	300	234	15	—
Fall of person into car, from floor . . . . .	2	—	—	—	2	—	—	—	161	—	—	161	—	—
Gates . . . . .	10	—	—	—	6	—	1	3	267	—	—	236	—	14
All other . . . . .	6	—	—	—	1	1	3	1	115	—	—	53	19	38
<i>Construction Hoists and Elevators (not Derricks).</i>														
Car, struck by, elsewhere . . . . .	1	—	—	1	—	—	—	—	1,200	—	1,200	—	—	—
Catching of load or part thereof between car and shaft . . . . .	1	—	—	—	1	—	—	—	30	—	—	—	—	—





TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —								
	Total.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.				Permanent Total Disabilities.	Deaths.	Permanent Partial Disabilities.	TEMPORARY DISABILITIES.		
					Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.				Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.
<b>Vehicles (not including Construction of), 2,453</b>	<b>49</b>	<b>19</b>												
CARS AND ENGINES—STEAM AND ELECTRIC	158	9	3		1,219	263	284	619	22,000	87,447	4,844	3,192	2,838	
RAILWAYS.														
<i>Falls From or In</i>														
In getting off, in motion . . . . .	4	—	1		72	18	15	41	11,400	5,191	342	173	166	
In getting on or off, at rest . . . . .	9	—	—		1	1	—	—	—	30	21	—	5	
While riding on, due to sudden start or stop . . . . .	4	—	—		3	1	1	4	—	485	21	14	13	
While riding on, due to slipping or loss of balance . . . . .	7	1	—		3	—	—	—	—	129	—	—	5	
While riding on, contact with overhead structure . . . . .	1	—	—		4	2	—	—	—	453	36	—	—	
Falls . . . . .	63	1	1		1	—	—	—	—	30	—	—	—	
					30	7	10	14	6,000	2,196	139	112	57	
<i>Train Wrecks.</i>														
Collisions . . . . .	13	2	1		5	2	1	2	2,400	411	34	11	11	
Deraillments . . . . .	1	—	—		1	—	—	—	—	90	—	—	—	
<i>Struck By or Caught Between</i>														
While coupling or uncoupling . . . . .	6	1	—		3	—	—	2	—	163	—	—	6	
While switching . . . . .	2	—	—		1	—	—	1	—	73	—	—	7	
While repairing cars or engines . . . . .	1	—	—		—	—	—	—	—	—	—	—	—	
While crossing track . . . . .	5	1	—		2	—	—	2	—	60	—	—	7	
While standing or walking on track . . . . .	1	—	—		1	—	—	—	—	28	—	—	—	
Miscellaneous . . . . .	21	2	—		10	3	1	5	—	668	56	14	23	
<i>Other Causes.</i>														
Setting or releasing hand brakes . . . . .	2	—	—		—	—	1	1	—	—	—	10	3	
Objects falling from (not in loading or unloading) . . . . .	3	—	—		—	—	—	3	—	—	—	—	13	
Objects shifting on load . . . . .	1	—	—		1	—	—	—	—	175	—	—	—	
All other . . . . .	14	—	—		6	2	1	5	—	200	35	12	16	
<i>MINE AND QUARRY CARS.</i>														
Deraillments . . . . .	10	—	—		6	2	1	1	—	401	35	13	7	
Falls from, due to sudden start or stop . . . . .	1	—	—		—	—	1	—	—	—	—	13	—	
Struck by or caught between . . . . .	3	—	—		1	—	—	—	—	29	17	—	—	
All other . . . . .	5	—	—		3	1	—	1	—	143	18	—	7	

## PLANT TRUCKS ON TRACKS.

Caught between truck and overhead obstruction	25	-	-	1	13	4	1	6	1,497	-	-	300	1,076	78	11	32
Caught by car or load in dumping	2	-	-	-	1	-	1	-	140	-	-	-	129	-	11	-
Collisions	1	-	-	1	-	-	-	-	300	-	-	300	-	-	-	-
Falls from, due to sudden start or stop	1	-	-	-	-	1	-	-	20	-	-	-	-	20	-	-
Lifting or pushing car	1	-	-	-	-	1	-	-	20	-	-	-	-	20	-	-
Struck by, or caught between, while coupling or switching	2	-	-	-	1	-	-	1	50	-	-	-	43	-	-	7
Struck by	2	-	-	-	1	1	-	-	47	-	-	-	30	17	-	-
Struck between	10	-	-	-	6	1	-	3	250	-	-	-	218	21	-	11
Struck, or caught between	6	-	-	-	4	-	-	2	670	-	-	-	656	-	-	14
<b>AUTOMOBILES AND OTHER POWER VEHICLES.</b>	<b>2,039</b>	<b>34</b>	<b>-</b>	<b>14</b>	<b>1,007</b>	<b>213</b>	<b>245</b>	<b>526</b>	<b>204,844</b>	<b>204,000</b>	<b>-</b>	<b>9,100</b>	<b>72,666</b>	<b>3,905</b>	<b>2,754</b>	<b>2,419</b>
Breaking of car or part not resulting in collision or overturning	6	-	-	-	5	-	1	-	204	-	-	-	193	-	11	-
Collisions, skidding	33	1	-	-	14	5	4	9	7,119	6,000	-	-	928	96	52	43
Collisions, breaking of parts	3	-	-	-	1	-	2	-	50	-	-	-	34	16	-	-
Collisions, all other	345	9	-	3	173	35	43	82	68,699	54,000	-	2,700	10,477	646	477	399
Collisions with cars or engines	28	3	-	-	15	5	4	1	18,859	18,000	-	-	717	91	48	3
Cranking	264	3	-	1	141	28	24	70	11,304	-	-	300	9,925	505	263	311
Engines, N. O. C.	5	-	-	-	225	1	1	-	407	-	-	300	78	18	11	-
Falls from	421	3	-	4	51	52	86	86	43,577	18,000	-	4,000	19,660	928	563	426
Mechanical unloading	18	-	-	-	7	1	2	8	356	-	-	-	274	20	27	35
Objects falling from	63	-	-	-	21	8	8	25	2,106	-	-	300	1,464	144	84	114
Objects shifting on load	10	-	-	-	7	-	-	3	578	-	-	-	563	42	-	15
Overturning, skidding	24	2	-	-	13	2	-	7	13,413	12,000	-	-	1,340	-	-	31
Overturning, breaking of parts	3	-	-	-	2	-	-	1	99	-	-	-	94	-	-	5
Overturning, all other	65	3	-	-	39	6	8	9	21,949	18,000	-	-	3,697	109	96	47
Struck by	256	10	-	-	149	22	27	48	73,482	60,000	-	-	12,513	413	326	280
All other	467	3	-	4	182	47	61	170	32,110	18,000	-	1,500	10,323	855	695	737
Bicycles	27	-	-	-	10	2	8	7	564	-	-	-	358	38	85	23
Aeroplanes	1	-	-	-	1	-	-	-	28	-	-	-	28	-	-	-
<b>ANIMAL-DRAWN VEHICLES.</b>	<b>215</b>	<b>5</b>	<b>-</b>	<b>1</b>	<b>119</b>	<b>26</b>	<b>20</b>	<b>44</b>	<b>40,142</b>	<b>30,000</b>	<b>-</b>	<b>1,200</b>	<b>8,029</b>	<b>484</b>	<b>221</b>	<b>208</b>
Breaking of parts	3	-	-	-	2	-	-	1	186	-	-	-	179	-	-	7
Collisions with cars or engines	7	-	-	-	5	-	1	1	289	-	-	-	271	-	13	5
Collisions with other vehicles	48	2	-	-	25	7	2	12	13,312	12,000	-	-	1,102	129	19	62
Collisions with stationary objects	1	-	-	-	1	-	-	-	38	-	-	-	38	-	-	-
Falls from	86	2	-	-	48	8	10	18	16,678	12,000	-	-	4,847	144	106	81
Mechanical unloading	1	-	-	-	1	-	-	-	163	-	-	-	163	-	-	-
Objects falling from (not in loading or unloading)	5	-	-	-	1	2	-	2	116	-	-	-	74	36	-	6
Objects shifting on load	2	-	-	-	1	-	1	-	51	-	-	-	42	-	9	-
Overturning	3	-	-	-	2	1	-	2	90	-	-	-	69	21	-	-
Struck by	15	1	-	1	10	1	-	2	7,725	6,000	-	1,200	496	18	-	11
Whiffletrees	1	-	-	-	-	-	-	1	3	-	-	-	-	-	-	3
All other	29	-	-	-	15	5	4	5	800	-	-	-	635	95	47	23
<b>ANIMAL-DRAWN IMPLEMENTS (NOT MACHINERY.)</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>691</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>613</b>	<b>41</b>	<b>27</b>	<b>10</b>



## OTHER EXPLOSIONS.

Ammonia apparatus	1	1	1	7	1	475	18	59	45	7
Other high pressure apparatus	2	8	15,539	493	12,000	3,461	72	32	34	34
All other	43	3	87,504	87,504	78,000	4,105	433	126	140	140
Electricity	126	11	46	46	4,500	42	42	4	4	4
Confagations	3	2								
<b>Hot Substances and Flames.</b>										
Asphalt, pitch and tar	50	13	23	1,338	6,000	995	239	59	45	45
Flames, clothing	9	7	38	6,436	6,000	434	386	252	165	165
All other flames	120	22	37	8,771	6,000	1,968	340	56	124	124
Hot surfaces, contact with	77	18	5	3,960	6,000	1,040	340	56	124	124
Hot water	143	27	37	4,890	6,000	2,659	561	311	159	159
Metal, molten, explosions of	1	41	41	41	600	41	36	12	25	25
Molten metal, at furnace or cupola	19	2	1	97	6,000	457	39	39	39	39
Molten metal, pouring	33	7	7	2,321	6,000	857	53	79	38	38
Molten metal or slag, all other	24	16	3	1,027	6,000	165	115	14	46	46
Oxyacetylene or electric cutting and welding	84	5	6	340	6,000	1,248	282	236	72	72
Other hot liquids	84	19	7	7,838	6,000	1,279	123	89	69	69
Other hot objects	50	13	20	2,160	6,000	404	376	172	136	136
Sand, ashes, cinders, grease, fat, flying particles	84	13	20	7,088	6,000	2,111	387	366	268	268
Acids	153	42	32	4,932	6,000	1,656	618	264	227	227
All other	143	38	23	4,565	6,000	227,840	12,434	7,480	7,999	7,999
<b>Falls of Persons.</b>										
FROM ELEVATIONS.										
Benches, boxes, chairs and tables	183	83	26	13,959	6,000	7,073	456	145	285	285
Boilers, engines and machines	43	24	3	14,164	12,000	2,018	53	52	41	41
Bridges, dams and docks (not in construction or demolition)	6	5	1	1,333	6,000	1,324	9	9	9	9
Buildings in construction or demolition not elsewhere specified	16	11	2	3,740	6,000	1,903	23	14	14	14
Cranes, derricks, elevators and hoists in erecting or rigging	2	1	2	36	6,000	29	34	11	7	7
Floors, temporary	5	1	2	78	6,000	33	34	11	11	11
Gangplanks	1	1	1	70	6,000	70	70	18	18	18
<b>Ladders.</b>										
Breaking of ladder or parts	44	27	5	3,226	6,000	3,037	91	37	41	41
Slipping, twisting or fall of ladder	162	91	18	9,540	6,000	8,886	314	156	184	184
Knocked off ladder	3	2	3	334	6,000	329	5	5	5	5
All other	278	165	32	41,503	18,000	17,636	575	233	259	259
Loading platforms	55	23	3	2,364	6,000	2,141	52	103	68	68
Piles	36	23	3	2,217	6,000	2,098	55	23	41	41
Poles and trees	37	24	2	17,058	12,000	3,160	39	27	32	32
Roofs	39	25	3	34,366	24,000	5,478	52	18	18	18
Ruaways, balconies and platforms, not loading platforms	68	37	5	9,798	6,000	2,930	99	121	48	48

TABLE X. — *Causes of Injuries, by Extent of Disability, etc.* — Continued.

CAUSES.	NUMBER OF TABULATABLE INJURIES.					DAYS LOST DUE TO —						
	TEMPORARY DISABILITIES.					TEMPORARY DISABILITIES.						
	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.		Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.			
Falls of Persons.—Con. <i>Scaffolds and Stagings.</i> Breaking or slipping . . . . . Breaking of tackle or support . . . . . Tilting of scaffold . . . . . Tilting or falling of loose plank . . . . . All other . . . . . Stairs and steps . . . . . Tramways and trestles . . . . . Windows and wall openings . . . . . All other . . . . .  INTO EXCAVATIONS, PITS AND SHAFTS. Bins and vats, containing hot or corrosive substances . . . . . Bins and vats, all other . . . . . Floor openings (not elevator shafts) . . . . . Manholes . . . . . Excavations . . . . .  ON LEVEL. Slipping . . . . . Stumbling over fixed objects . . . . . Stumbling over loose objects . . . . . All other . . . . . Slipping on wet floors . . . . .  Stepping on, or Striking against Objects. Stepping on Objects. Nails . . . . . All other sharp objects . . . . .  Striking Against Objects. Fellow-employees . . . . . Nails . . . . . Other fixed objects . . . . . Splinters or sharp projections from walls or structures . . . . . All other objects . . . . .	Deaths.	Permanent Disabilities.	Permanent Partial Disabilities.	Permanent Total Disabilities.	Deaths.	Permanent Total Disabilities.	Permanent Partial Disabilities.	Over 3 Weeks.	2 to 3 Weeks.	1 to 2 Weeks.	7 Days and under.	
	67	1	1	1	20,367	6,000	6,000	300	7,896	84	46	41
	10	—	—	—	613	—	—	—	607	—	—	6
	2	—	—	—	19	—	—	—	—	—	14	5
	9	—	—	—	424	—	—	—	397	—	14	13
	113	1	1	4	24,503	6,000	6,000	3,600	8,540	208	67	88
	10,101	2	—	3	57,326	12,000	—	1,500	38,401	2,130	1,416	1,579
	2	—	—	—	284	—	—	—	284	—	—	—
	28	1	—	1	9,683	6,000	—	600	2,999	49	25	10
	146	3	—	—	27,277	18,000	—	—	8,708	279	140	150
	4	—	—	—	439	—	—	—	435	—	—	4
	30	—	—	—	1,789	—	—	—	1,692	74	—	23
	82	—	—	—	3,958	—	—	—	2,925	225	110	108
	8	—	—	—	502	—	—	—	475	—	24	3
55	—	—	—	2,777	—	—	—	2,473	166	85	53	
1,658	—	1	3	73,305	—	6,000	6,000	52,821	3,885	2,333	2,266	
105	—	—	2	7,857	—	—	4,200	3,143	218	124	172	
415	—	—	3	17,841	—	—	3,900	11,798	774	696	673	
649	—	1	2	26,490	—	6,000	2,400	14,582	1,555	818	1,135	
403	—	—	—	13,403	—	—	—	11,499	667	621	616	
2,261	4	—	3	74,814	24,000	—	900	36,925	5,112	3,677	4,200	
549	—	—	—	6,082	—	—	—	2,601	1,064	932	1,485	
73	—	—	—	1,983	—	—	—	1,490	197	188	108	
30	—	—	—	463	—	—	—	268	90	70	35	
187	—	—	—	2,913	—	—	—	1,666	521	363	363	
453	—	—	3	16,195	—	—	900	13,193	983	611	508	
97	—	—	—	2,134	—	—	—	1,441	314	216	163	
872	4	—	—	45,044	24,000	—	—	16,266	1,943	1,297	1,538	

Falling Objects (not being handled by Injured).	1,339	6	1	15	633	152	135	397	113,240	36,000	6,000	11,600	53,650	2,779	1,564	1,647
COLLAPSE OF.																
Building and walls . . . . .	4	-	-	-	4	-	-	-	452	-	-	-	452	-	-	-
Chutes, conveyors and slides . . . .	2	-	-	-	2	-	-	-	88	-	-	-	88	-	-	-
Piles (stacked, stored or piled up material)	15	1	-	-	9	2	1	2	6,059	6,000	-	-	717	35	14	10
Scaffolds and stagings . . . . .	3	-	-	-	3	-	-	-	717	-	-	-	717	-	-	-
All other . . . . .	8	-	-	-	6	-	-	2	651	-	-	-	643	-	-	8

## FROM ELEVATIONS.

Buildings in course of construction or demolition . . . . .	18	1	-	-	7	1	2	7	7,114	6,000	-	-	1,047	15	27	25
Buildings not in course of construction or demolition . . . . .	6	-	-	-	3	-	-	3	384	-	-	-	372	-	-	12
Chutes, conveyors, slides and screens . .	14	-	-	-	9	1	-	3	913	-	-	300	587	18	-	8
Machines and workbenches . . . . .	153	-	-	1	64	24	15	48	10,451	-	6,000	300	3,354	430	171	196
Piles (stacked, stored or piled up material)	55	-	-	-	25	3	-	22	2,417	-	-	-	2,252	53	60	82
Racks and shelves . . . . .	54	-	-	2	17	6	8	21	3,180	-	-	2,100	806	102	92	80
Runways, balconies and platforms . . .	15	-	-	-	5	1	-	5	284	-	-	-	203	17	40	24
Scaffolds and stagings . . . . .	16	-	-	-	7	3	2	4	581	-	-	-	490	57	17	17
Other elevations . . . . .	423	2	-	4	185	54	42	136	34,013	12,000	-	3,500	16,424	1,007	501	581
Objects dropped by person other than injured person . . . . .	83	1	-	2	37	13	8	22	9,096	6,000	-	600	2,071	232	107	86

## TREES.

Limbs, not in felling trees . . . . .	11	-	-	-	4	-	-	7	285	-	-	-	257	-	-	28
Trees, in felling . . . . .	13	1	-	-	5	-	4	3	6,910	6,000	-	-	853	-	42	15
Trees, kick backs of, in felling . . . .	3	-	-	-	-	-	2	1	27	-	-	-	-	25	2	2
Trees lodged in felling . . . . .	1	-	-	-	-	-	6	-	6	-	-	-	-	-	-	6
Trees, not in felling . . . . .	5	-	-	-	1	1	-	3	60	-	-	-	31	21	-	8
Objects tipping over . . . . .	263	-	-	2	138	28	28	67	15,098	-	-	3,300	10,643	537	317	301

## INTO EXCAVATIONS.

Ditches and trenches . . . . .	39	-	-	-	17	2	4	16	1,394	-	-	-	1,250	31	48	65
Other excavations (not tunnels, mines or quarries) . . . . .	26	-	-	1	14	-	4	7	1,414	-	-	300	1,046	-	43	25

## CAVE-INS (NOT MINES OR QUARRIES).

Ditches and trenches . . . . .	77	-	-	-	56	5	5	11	8,078	-	-	-	7,899	88	49	42
Tunnels . . . . .	3	-	-	-	2	-	-	1	196	-	-	-	192	-	-	4
Other excavations . . . . .	15	-	-	-	7	4	1	3	1,012	-	-	-	920	68	11	13
In mines and quarries—inside . . . . .	14	-	-	2	6	4	-	2	1,682	-	-	1,200	405	68	-	9

## Handling of Objects.

Caught between heavy objects.	9,484	15	1	85	4,182	1,216	1,158	2,827	455,311	90,000	6,000	47,400	264,038	22,077	13,368	12,428
Caught between object handled and other object . . . . .	810	2	-	29	312	108	105	254	45,973	12,000	-	12,150	17,534	1,954	1,230	1,105
Objects dropped . . . . .	1,151	1	-	9	525	125	143	348	41,723	6,000	-	2,700	27,697	2,285	1,622	1,418
Objects falling from load (while loading or unloading) . . . . .	338	1	1	-	173	36	33	94	24,451	6,000	6,000	-	11,022	658	368	403





Stone . . . . .	57	1	1	3	16	9	6	23	6,308	—	6,000	—	5,400	574	173	68	93
Glancing or slipping of tool in use . . . . .	1,556	—	13	—	431	232	233	645	49,106	—	—	—	6,450	21,065	4,172	2,670	2,749
All other . . . . .	459	—	—	—	142	92	66	159	11,183	—	—	—	—	8,021	1,698	761	703
IN HANDS OF FELLOW-WORKER.																	
Flying particles set in motion by tool, not specified . . . . .	5	—	—	—	2	—	1	2	125	—	—	—	—	105	—	13	7
Metal chips . . . . .	8	—	—	—	2	—	—	5	182	—	—	—	—	147	—	13	22
Stone . . . . .	2	—	—	—	1	—	1	—	36	—	—	—	—	28	—	8	—
Breaking or coming apart of tool . . . . .	2	—	—	—	—	—	—	—	1,821	—	—	—	1,800	—	21	—	—
Glancing or slipping of tool in use . . . . .	87	—	—	—	36	9	5	34	3,420	—	—	—	900	2,134	167	63	156
All other . . . . .	22	—	—	—	3	4	3	11	1,285	—	—	—	600	530	78	28	49
Animals.																	
DRAFT ANIMALS.																	
Bites . . . . .	183	1	—	—	63	24	18	77	12,615	—	6,000	—	—	5,640	438	196	341
Kicks and stepped on . . . . .	3	—	—	—	1	—	—	2	65	—	—	—	—	56	—	—	9
Runaways . . . . .	57	—	—	—	31	6	6	14	2,954	—	—	—	—	2,719	112	68	55
All other . . . . .	39	—	—	—	5	—	—	3	6,366	—	6,000	—	—	351	—	—	13
All other animals . . . . .	53	—	—	—	14	7	5	13	2,107	—	—	—	—	1,871	129	55	52
Insects . . . . .	22	—	—	—	11	6	4	32	927	—	—	—	—	620	111	48	148
		—	—	—	1	5	3	13	196	—	—	—	—	23	86	25	62
Miscellaneous Causes.																	
Cold, including frostbites . . . . .	1,537	13	1	15	416	148	211	733	125,932	78,000	6,000	—	8,250	25,289	2,704	2,429	3,260
Compressed air (not explosions) . . . . .	12	—	—	—	8	3	—	—	6,567	6,000	—	—	—	515	52	—	—
Doors, windows, covers and gates, exclusive of elevators . . . . .	2	—	—	—	1	—	1	—	61	—	—	—	—	49	—	12	—
Drenching, not drowning . . . . .	336	1	—	7	106	32	55	135	15,302	6,000	—	—	2,550	4,971	586	648	547
Flying particles, not specified . . . . .	2	—	—	—	—	2	—	—	36	—	—	—	—	—	36	—	—
Heat prostration and sunstroke . . . . .	219	—	—	2	26	32	27	132	6,858	—	—	—	3,600	1,843	584	315	516
Violence of co-employee . . . . .	17	—	—	—	3	1	2	11	249	—	—	—	—	159	17	24	49
Violence, all other . . . . .	6	—	—	—	2	—	—	3	150	—	—	—	—	125	—	14	11
Wrestling, sparring and horseplay . . . . .	59	1	1	1	18	6	14	18	13,889	6,000	6,000	—	300	1,240	112	160	77
All other . . . . .	5	—	—	—	—	—	1	4	31	—	—	—	—	—	12	19	—
Asphyxiation . . . . .	876	10	—	5	250	72	110	429	82,605	60,000	—	—	1,800	16,207	1,317	1,244	2,037
		—	—	—	2	—	—	1	184	—	—	—	—	180	—	—	4
Occupational Diseases.																	
All other . . . . .	698	16	—	21	355	75	77	154	146,621	96,000	—	—	12,600	35,055	1,365	895	705
Anthrax . . . . .	82	—	—	—	39	7	12	23	9,453	6,000	—	—	—	3,083	130	131	109
Dermatitis . . . . .	6	—	—	—	4	1	—	—	6,437	6,000	—	—	—	421	16	—	—
Eczema . . . . .	315	—	—	—	180	32	38	59	16,793	—	—	—	—	15,510	585	442	256
Lead poisoning . . . . .	7	—	—	—	5	1	1	—	634	—	—	—	—	604	18	12	—
Poison ivy . . . . .	24	—	—	—	22	1	—	1	3,325	—	—	—	—	3,301	18	6	—
Tuberculosis (including Pneumococcosis, silicosis, etc.) . . . . .	117	—	—	—	31	30	19	37	2,308	—	—	—	—	1,340	544	237	187
Gas . . . . .	82	12	—	21	48	—	1	—	93,824	72,000	—	—	12,600	9,214	—	10	—
Benzol . . . . .	50	—	—	—	14	3	4	29	1,033	—	—	—	—	816	55	36	126
Carbon monoxide gas . . . . .	4	—	—	—	2	—	—	—	12,650	12,000	—	—	—	650	—	—	—
	11	—	—	—	4	—	2	5	164	—	—	—	—	116	—	27	21
Grand total . . . . .	31,769	162	8	602	13,060	3,960	3,908	10,069	2,541,327	972,000	48,000	448,550	—	911,815	71,999	44,885	44,078



TABLE XII. — Study showing Condition of Dependents in Uninsured Fatal Cases, July 1, 1932 to June 30, 1933.

Industries.	Occupation.	Age.	Wage.	Amount payable in Analogous Cases.	Dependents.	Settlement.	Financial Condition.
Painting	Painter	29	\$25 00	\$5,600 00	Widow and two children	—	No further information available.
Manufacturing and sale of aluminum	Salesman	35	75 00	4,000 00	Widow	—	No further information available.
Steam railroad	Car inspector	49	31 54	5,600 00	Widow and two children	\$8,500 00	Widow working, fair financial circumstances.
Stevedores	Longshoreman	42	15 00	6,400 00	Widow and eight children	5,000 00	Fair financial condition.
Steam railroad	Car inspector	46	31 97	6,400 00	Widow and seven children	7,000 00	Fair financial condition.
Steam railroad	Fireman	51	37 63	4,000 00	Widow	8,900 00	Fair financial condition.
Steam railroad	Engineer	58	47 36	4,800 00	Widow and one child	8,900 00	Fair financial condition.
Shipbuilding	Rigger	60	27 46	4,800 00	Widow and one child	4,800 00	Employer is paying widow twelve dollars (\$12.00) a week for four hundred weeks.
Floor contractor	Laborer	42	25 00	4,000 00	Widow	Suit pending	Very poor financial circumstances.
Cotton machinery	Erector	31	31 00	4,000 00	Widow	Suit pending	Poor financial circumstances. Widow working.
Steam railroad	Yard helper	47	35 64	4,000 00	Two children	8,000 00	Good financial circumstances.
Steam railroad	Foreman	46	39 84	5,600 00	Widow and two children	20,000 00	Good financial condition.
Steam railroad	Lampman	50	20 16	4,000 00	Widow	295 00	Employer paid funeral expenses of \$295.00.
Riggers	Steeple-jack	45	40 00	5,600 00	Widow and two children	None	Very poor financial condition.
Roofing	Roofers	48	25 00	4,400 00	Widow and eight children	2,700 00	Very poor financial circumstances.
Street railway	Laborer	38	21 00	5,600 00	Widow and two children	5,000 00	Fair circumstances.
Telephone	Lineman	38	43 00	4,000 00	Widow	—	Widow is being paid fifty dollars (\$50.00) a month until five thousand dollars (\$5,000.00) is paid.
Chimney repairs	Repair-man	27	33 00	250 00	None	—	Single man, no dependents.

TABLE XIII. — *Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1932 to June 30, 1933.*

INDUSTRIES.	CONJUGAL CONDITION.				DEPENDENCY.		
	Single.	Married.	Widowed.	Divorced.	NUMBER OF CASES.		NUMBER OF PERSONS.
					Whole De- pendency.	Partial De- pendency.	
<b>Agriculture, Forestry and Animal Husbandry</b>							
Agriculture . . . . .	—	1	—	—	1	—	6
Quarrying . . . . .	—	1	—	—	1	—	6
<b>Extraction of Minerals.</b>							
Quarrying . . . . .	—	2	—	—	2	—	3
Quarrying . . . . .	—	2	—	—	2	—	3
<b>Building Trades.</b>							
Hand trades . . . . .	2	12	1	—	13	1	39
Hand trades . . . . .	2	12	1	—	13	1	39
<b>Chemical and Allied Products.</b>							
Soap makers . . . . .	—	1	—	—	1	—	1
Soap makers . . . . .	—	1	—	—	1	—	1
<b>Clay, Glass and Stone Products.</b>							
Brickmakers . . . . .	—	3	—	—	3	—	4
Marble and stone cutters . . . . .	—	1	—	—	1	—	1
Marble and stone cutters . . . . .	—	2	—	—	2	—	3
<b>Food and Kindred Products.</b>							
Bakeries, bread and other bakery products . . . . .	1	7	—	—	7	1	19
Candy, confectionery . . . . .	—	1	—	—	1	—	5
Fish curers and packers . . . . .	—	1	—	—	1	—	1
Slaughtering and packing houses . . . . .	—	1	—	—	1	—	2
Sugar makers and refiners . . . . .	—	3	—	—	3	—	8
Other food preparers . . . . .	1	—	—	—	1	—	1
Other food preparers . . . . .	—	1	—	—	1	—	3
<b>Iron and Steel and Their Products.</b>							
Automobile factories . . . . .	1	12	1	—	12	1	26
Foundries and metal working, tools . . . . .	—	1	—	—	1	—	1
Ship and boat building . . . . .	—	3	—	—	3	—	4
Other iron and steel workers . . . . .	—	1	—	—	1	—	2
Other iron and steel workers . . . . .	1	7	1	—	7	1	19
<b>Leather and Its Finished Products.</b>							
Shoes . . . . .	—	5	—	—	4	1	12
Tanneries . . . . .	—	4	—	—	3	1	2
Other liquor and beverage workers . . . . .	—	1	—	—	1	—	10
<b>Liquors and Beverages.</b>							
Other liquor and beverage workers . . . . .	—	1	—	—	1	—	2
Other liquor and beverage workers . . . . .	—	1	—	—	1	—	2
<b>Lumber and Its Re-manufacture.</b>							
Furniture . . . . .	—	1	—	—	1	—	6
Furniture . . . . .	—	1	—	—	1	—	6

Metal and Metal Products Other Than Iron and Steel.									
Other metal workers . . . . .	1	—	—	—	—	1	—	—	1
Box makers . . . . .	3	—	—	—	—	3	—	—	8
Paper and pulp mills . . . . .	2	—	—	—	—	2	—	—	6
Paper. . . . .	1	—	—	—	—	1	—	—	2
Printing and bookbinding . . . . .	1	—	—	—	—	1	—	—	2
Printing and publishing establishments . . . . .	1	—	—	—	—	1	—	—	2
Cotton mills . . . . .	6	—	—	—	—	7	—	—	15
Knitting mills . . . . .	1	—	—	—	—	2	—	—	4
Silk mills . . . . .	1	—	—	—	—	1	—	—	1
Woollen mills . . . . .	2	—	—	—	—	2	—	—	3
Not specified textile workers . . . . .	1	—	—	—	—	1	—	—	6
Miscellaneous Industries.									
Electric light and power companies . . . . .	8	—	—	—	—	12	—	—	21
Gas works . . . . .	2	—	—	—	—	7	—	—	13
Other miscellaneous industries and occupations . . . . .	1	—	—	—	—	4	—	—	13
Water Transportation.									
Water transportation . . . . .	1	—	—	—	—	1	—	—	4
Transportation, Road, Etc.									
Road, street, bridge, construction of . . . . .	8	6	—	—	—	32	10	3	84
Truck, transfer, cab and hack companies, garages, . . . . .	4	5	—	—	—	10	7	2	28
Street railways . . . . .	4	—	—	—	—	7	3	1	19
Steam railroads . . . . .	—	1	—	—	—	8	—	—	18
Telephone and Telegraph.									
Telephone and telegraph . . . . .	1	—	—	—	—	7	—	—	19
Other persons in transportation . . . . .	1	—	—	—	—	1	—	—	1
Other persons in transportation . . . . .	1	—	—	—	—	1	—	—	1
Trade.									
Banking and brokerage . . . . .	2	1	—	—	—	22	—	3	45
Insurance . . . . .	—	—	—	—	—	1	—	—	1
Real estate . . . . .	1	—	—	—	—	2	—	—	5
Wholesale and retail trade . . . . .	1	1	—	—	—	17	—	2	22
Professional Service.									
Professional service . . . . .	—	—	—	—	—	4	—	—	37
Domestic and Personal Service.									
Domestic and personal service . . . . .	4	—	—	—	—	4	—	—	4
Occupations not in industries . . . . .	4	—	—	—	—	4	1	2	8
Grand Total . . . . .	25	9	3	133	16	13	316	18	18





49	1	10	5	41	3	336	13	1	10	6	26	18	14	1	1	7b	537
50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
51	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52	3	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
53	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
58	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
59	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
61	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
62	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
64	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
65	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
66	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
67	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
68	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
69	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
71	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
72	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
73	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
74	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
75	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
76	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
77	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	45	10	5	41	3	336	13	1	10	6	26	18	14	1	1	7b	537

a These figures each include one case of amputation of right thumb at first joint and one or more fingers.

b This figure includes three cases of amputation, etc.







# The Commonwealth of Massachusetts

## DEPARTMENT OF INDUSTRIAL ACCIDENTS

Room 272, State House, Boston, May 20, 1935

To the Honorable Senate and House of Representatives:

The Department of Industrial Accidents has the honor to transmit herewith its twenty-second annual report.

Respectfully,

### INDUSTRIAL ACCIDENT BOARD

JOSEPH A. PARKS, *Chairman*

CHESTER E. GLEASON

EMMA S. TOUSANT

EDWARD E. CLARK

DANIEL J. SULLIVAN

JAMES FARRELL

NICHOLAS FUSARO

EDWARD P. DOYLE, *Secretary*.

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## TWENTY-SECOND ANNUAL REPORT

OF THE

# Department of Industrial Accidents

### INTRODUCTION

The Department of Industrial Accidents presents herewith its twenty-second annual report. This report contains the facts and figures, in summarized form, which comprise the Department's experience in the administration of the Workmen's Compensation Act (General Laws, chapter 152) for the year July 1, 1933 to June 30, 1934.

It may be stated, in brief, that a comparison with the report for the year ending June 30, 1933, shows that there was a decided increase in the number of injuries reported to the Board, but a slight decrease in the percentage of tabulatable injuries, from 33 per cent in 1933 to 32.2 per cent in 1934. This decrease, presumably, may be due, in part, to the fact that there were more cases this year in which the employee lost no time from work. The severity of injuries, as measured by the plan for weighting time loss due to injuries, was more by 695,611 days than for the previous year. This increase may be accounted for, in part, by the fact that there were 3,448 more tabulatable injuries than in 1933.

A synopsis of the subjects covered in the current report follows:

*The Twenty-second Year of the Act.*—This chapter covers in condensed form the number of tabulatable injuries, total reported injuries, aggregate time lost, a condensed statement of combined payments by insurance companies operating under the Act, extent of incapacity in certain cases, and dependency, in brief, in fatal cases.

*Summary of Accident Experience.*—This chapter explains the various tables found in the Appendix, with a brief analysis of each, and should be referred to for an understanding of the tables used. Graphs containing comparisons are used to present certain important phases of the experience.

*Dependency in Fatal Cases not Insured under the Act.*—This chapter deals with particular reference to the condition of dependents in fatal cases where the injured



employees were not insured under the provisions of the Act. The statements represent an analysis based on Table XII in the Appendix of this report.

*Medical Division.*—A brief summary of the work of this division with some statistical data for the past year.

## THE TWENTY-SECOND YEAR OF THE ACT

There were 109,394 accident reports filed with the Department of Industrial Accidents for the year July 1, 1933 to June 30, 1934. Of these, 35,217 were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually 8 hours), including deaths, permanent total, permanent partial, and temporary total disabilities. Death resulted in 231 of these cases, 9 involved permanent total disability, 853 were of a permanent partial nature, and 34,124 were temporary totals.

There was an increase in the number of reported injuries from 96,144 in 1933 to 109,394 in 1934 and a corresponding increase in the number of tabulatable injuries, from 31,769 in 1933 to 35,217 in 1934.

The reports from insurance companies show that the payments made and to be made on account of injuries occurring in this period total \$6,159,612.31, and are classified as follows: medical, \$2,175,950.93; fatal compensation, \$676,349.51; and non-fatal compensation, \$3,307,311.87.

The weighted time loss charged to all injuries is 3,236,938 days, distributed as follows: temporary total disability, 33.7 per cent; deaths, 42.8 per cent; permanent partial disability, 21.8 per cent; and permanent total disability, 1.7 per cent.

There were 231 fatals this year, an increase of 69 cases in comparison with the year ending June 30, 1933. Total dependency was involved in 193 of these cases, 449 persons being so dependent. In 20 cases, dependency was partial, the dependents numbering 20. In the remaining 18 cases, there was no dependency. There were 209 cases, or 90.5 per cent, insured.

## SUMMARY OF ACCIDENT EXPERIENCE

TABLE I, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED AND NOT INSURED

The statistics of the Board show that 96.2 per cent, or 33,870 of the tabulatable injuries were insured under the provisions of the Act and that 3.8 per cent, or 1,347 were not insured. This is the same percentage as last year.

TABLE II, INSURANCE TRANSACTIONS UNDER THE ACT

This table was compiled from figures furnished the Board by authorized insurance companies operating under the Act, and also from the boards, commissions and departments of the Commonwealth of Massachusetts, and all counties, cities, towns and districts, which have accepted the provisions of chapter 807, Acts of 1913. During the year ending June 30, 1934, a total payment of \$6,159,612.31 was reported. This is an increase of \$302,743.88 over 1933.

During the past year there has been paid to injured laborers, workmen and mechanics, and their dependents of the Commonwealth and the various counties, cities, towns and districts, which have accepted St. 1916, c. 807, (now G. L. Ch. 152, ss. 69-75), the sum of \$330,435.76. During the year ending June 30, 1933, the compensation agents of the Commonwealth and the different counties, cities, towns and districts reported the payment of compensation and medical in the sum of \$306,432.05.

The average cost per case, including compensation and medical benefits, paid and outstanding, in all cases in which such payments were made, whether tabulatable or not, was \$68.02 as compared with an average cost per case of \$74.07 in 1933.

### *Insurance Payments Made and Outstanding*

TYPE OF PAYMENT	Amount	Per Cent
Medical, for all cases . . . . .	\$2,175,950 93	35.3
Fatal, dependency compensation . . . . .	676,349 51	11.0
Non-fatal, disability compensation . . . . .	3,307,311 87	53.7
<b>Totals . . . . .</b>	<b>\$6,159,612 31</b>	<b>100.0</b>

Based on the payments made and the number of cases to which they apply, the average cost per case for the several groups is as follows:

Average Cost per Specified Case

TYPE OF PAYMENT	Number of Cases	Average Cost
Medical, for all cases . . . . .	87,695	\$24.59
Fatal, dependency compensation . . . . .	185	3,655.94
Non-fatal, disability compensation . . . . .	22,920	144.29

NUMBER OF TOTAL TABULATABLE INJURIES BY INDUSTRIES

July 1, 1933 - June 30, 1934

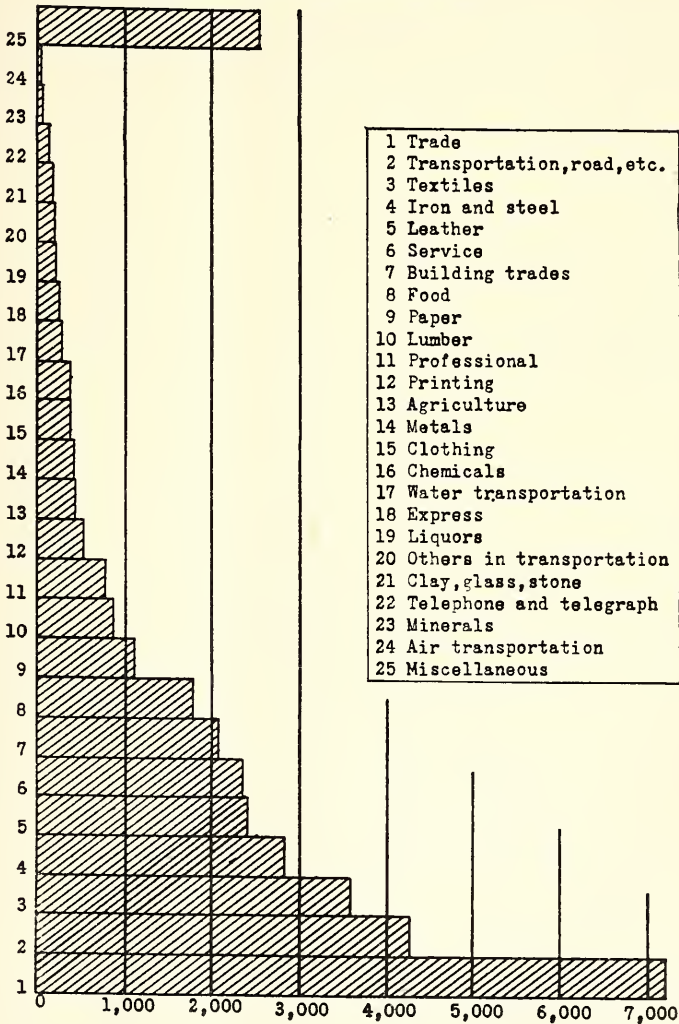


TABLE III, FREQUENCY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience, must enter into classifying a part of the data. In rating injuries of this nature the general principle by which severity is to be measured is based on economic loss to the community and the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workmen from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data, because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total, which result in the loss of any member of the body, or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which the injured employee returned to work at his former wages, except a small number in which disability extended over one year.

### *Extent of Total Tabulatable Injuries*

EXTENT OF DISABILITY	Number of Cases	Per Cent
Deaths . . . . .	231	.6
Permanent total disabilities . . . . .	9	.1
Permanent partial disabilities . . . . .	853	2.4
Temporary total disabilities . . . . .	34,124	96.9
Totals . . . . .	35,217	100.0

<sup>1</sup> Less than one-tenth of one per cent.

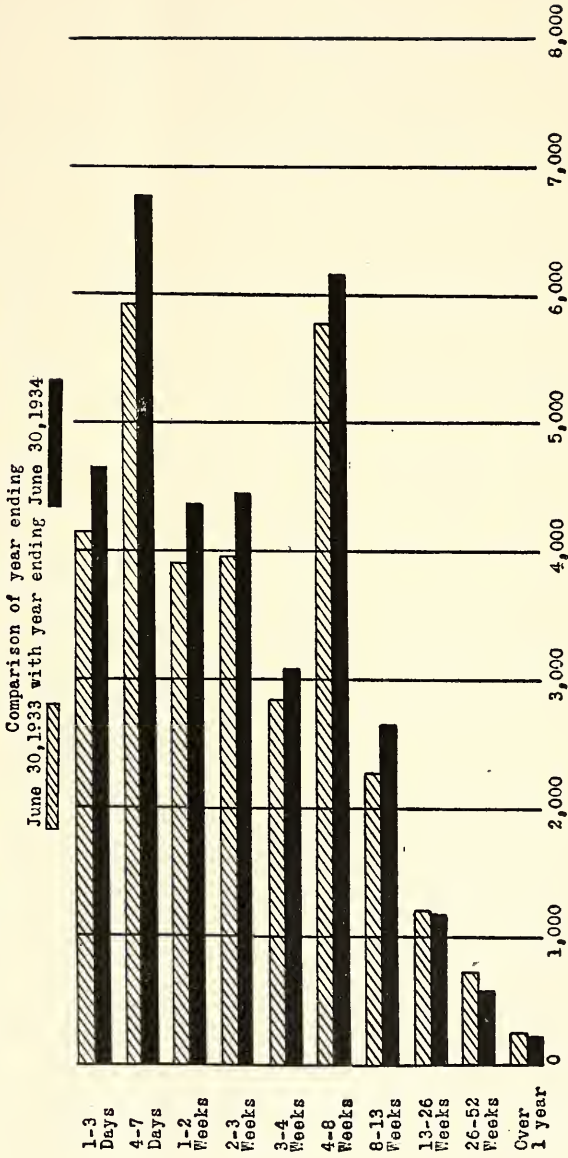
The following table is a summary of the duration of disability in all cases in this classification:

### *Duration of Temporary Total Disabilities*

DISABILITY PERIOD	Number of Cases	Per Cent
1 to 3 days . . . . .	4,656	13.6
4 to 7 days . . . . .	6,781	19.9
1 to 2 weeks . . . . .	4,377	12.8
2 to 3 weeks . . . . .	4,436	13.0
3 to 4 weeks . . . . .	3,093	9.1
4 to 8 weeks . . . . .	6,140	18.0
8 to 13 weeks . . . . .	2,642	7.7
13 to 26 weeks . . . . .	1,188	3.5
26 to 52 weeks . . . . .	591	1.7
Over 1 year . . . . .	220	.7
Totals . . . . .	34,124	100.0

It should be noted in 11,437 cases, or 33.5 per cent of the temporary total disabilities, the employee was not incapacitated for a period of more than 7 days. Compensation would not be payable on these injuries, but if the employers were insured, the employees would be entitled to medical benefits.

DURATION OF DISABILITY IN CASES OF TEMPORARY TOTAL DISABILITY





*Total Tabulatable Injuries, by Industries and Extent of Disability, Including Percentage Distribution*

INDUSTRIES	TOTALS		DEATHS		PERMANENT TOTAL DISABILITIES		PERMANENT PARTIAL DISABILITIES		TEMPORARY TOTAL DISABILITIES	
	Num- ber	Per Cent	Num- ber	Per Cent	Num- ber	Per Cent	Num- ber	Per Cent	Num- ber	Per Cent
Trade	7,199	20.4	37	16.0	2	22.2+	78	9.1	7,082	20.8
Transportation, road	4,270	12.1	62	26.8	1	11.1+	70	8.2	4,137	12.1
Textiles	3,583	10.2	13	5.6	1	11.1+	126	14.8	3,443	10.1
Iron and steel	2,834	8.0	14	6.0	1	11.1+	134	15.7	2,685	7.9
Miscellaneous	2,531	7.2	24	10.4	1	11.1+	98	11.5	2,408	7.1
Leather	2,414	6.8	5	2.2	—	—	65	7.6	2,344	6.9
Service	2,347	6.7	11	4.8	—	—	33	3.9	2,303	6.7
Building trades	2,067	5.9	15	6.5	—	—	30	3.5	2,022	5.9
Food	1,770	5.0	6	2.6	—	—	32	3.7	1,732	5.1
Paper	1,100	3.1	8	3.5	—	—	34	4.0	1,058	3.1
Lumber	876	2.5	5	2.2	1	11.1+	65	7.6	805	2.4
Professional	781	2.2	4	1.7	—	—	7	.8	770	2.3
Printing, bookbinding	535	1.5	3	1.3	—	—	17	2.0	515	1.5
Agriculture	436	1.2	3	1.3	—	—	8	.9	425	1.2
Metals	411	1.2	3	1.3	—	—	22	2.6	386	1.1
Clothing	369	1.1	2	.9	—	—	6	.7	361	1.0
Chemicals	366	1.0	4	1.7	2	22.2+	7	.8	353	1.0
Water transportation	259	.7	1	.4	—	—	3	.4	255	.7
Express	249	.7	1	.4	—	—	—	—	248	.7
Liquors	206	.6	1	.4	—	—	3	.4	202	.6
Others in transportation	201	.6	2	.9	—	—	5	.6	194	.6
Clay, glass, stone	196	.6	5	2.2	—	—	7	.8	184	.5
Telephone, telegraph	147	.4	—	—	—	—	—	—	147	.4
Minerals	65	.2	2	.9	—	—	3	.4	60	.2
Air transportation	5	.1	—	—	—	—	—	—	5	.1
Totals	35,217	100.0	231	100.0	9	100.0	853	100.0	34,124	100.0

<sup>1</sup> Less than one-tenth of one per cent.

*Industry.*—Attention is called to the fact that the following changes have been made in Tables I, III, IV, VI, and XIII in the Appendix:

The industry classifications "building trades" and "wholesale and retail trade," have each been subdivided into six groups.

Last year there were only 9 cases under "livery stables" and 1,364 under "truck, transfer, cab and hack companies, garages." Therefore, it seemed advisable to combine "livery stables and garages" under one classification and "truck, transfer, cab and hack companies" under another.

We have also added a new classification, "wood heels," to "lumber and its remanufacture."

*Deaths.*—"Transportation, road, etc." had the highest number of deaths, 62, or 26.8 per cent; followed in order by "trade," with 37, or 16.0 per cent; "miscellaneous," with 24, or 10.4 per cent, and the rest as shown.

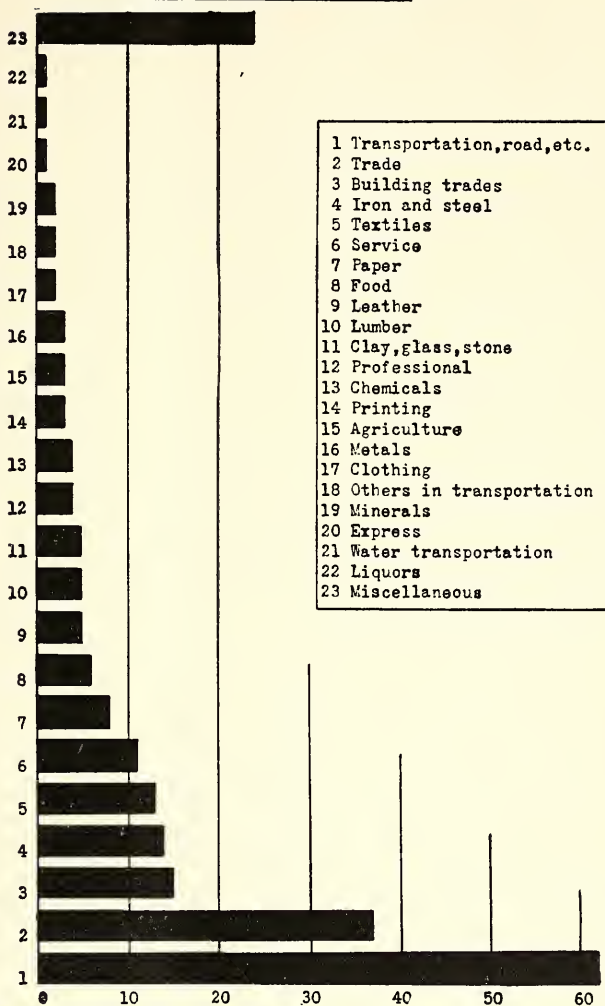
*Permanent Total Disabilities.*—There were 9 permanent total disabilities this year, distributed as follows: "trade" and "chemicals" each had 2 cases and "transportation, road, etc.," "textiles," "miscellaneous," "iron and steel," and "lumber" each had one.

There was one permanent total in which the employee, who was 29 years old and employed by a pyroxlyn manufacturer, had both hands amputated, when they were caught in the rolls of a machine.

There was one man, 57 years old, employed in a foundry, who contracted silicosis and tuberculosis.

An employee of the Public Works Department of a town had ashes enter his eyes causing an injury, accompanied by glaucoma, for which he may be entitled to specific compensation.

There were 2 severe back injuries resulting in permanent total disability. In one case, the employee sustained a very severe back strain, which aggravated a potentially weak back. This man also had tuberculosis. In the other case, the employee fell downstairs and sprained his back and shoulders. He has had several operations and has been confined to the hospital for over a year.

NUMBER OF FATAL INJURIES BY INDUSTRIESJuly 1, 1933 - June 30, 1934

There were 4 cases of injuries to men of advanced years, which resulted in permanent total disability. The first employee was 65 years old and was overcome by heat, resulting in shock, while working in a soap factory. In the second case, the employee was 66 years old and sustained a fractured skull and concussion of the brain when he fell from a wagon. The third case also involved a fractured skull, which resulted when the employee, 70 years old, fell from a truck. In the fourth case, the employee, who was 69 years old, fell downstairs and sustained a fractured femur.

*Permanent Partial Disabilities.*—"Iron and steel" had the highest frequency with 134 cases, or 15.7 per cent; "textiles" with 126, or 14.8 per cent and "miscellaneous industries" with 98, or 11.5 per cent.

The original definition of this type of case included all injuries less than permanent total disability which resulted in the loss of any member of the body, or part thereof, or in the permanent impairment of any function of the body. However, in a great many cases there are losses coming within this definition which were so slight that it was found necessary to modify the application of the definition.



Therefore, due consideration has been given to the nature of the case in determining whether or not there should be a modification of the application of the definition.

Table VIII will give some idea of the manner in which the severity is measured. The difference in the total number of permanent partial disabilities and the total number of specific injuries (Tables XIV and XV) is due to the modification of the definition as given above.

*Temporary Total Disabilities.*—The frequency order of this group of injuries occurred as printed.

TABLE IV, SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities is most easily determined by using as the basis of measurement the actual number of days lost as a result of the injuries.

Under the plan adopted for the weighting of the other types of injuries, the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined on the accident experience in several states and some practical modifications based on committee judgment.

For each permanent partial disability, an aliquot part of six thousand days, proportionate to the degree of disability resulting from the particular bodily impairment in each case.

*Severity of Total Tabulatable Injuries, by Industries and Extent of Disability*

INDUSTRIES	Totals	Deaths	Per- manent Total Disabil- ities	Per- manent Partial Disabil- ities	Tem- porary Total Disabil- ities
Transportation, road . . . . .	605,703	372,000	6,000	78,750	148,953
Trade . . . . .	522,744	222,000	12,000	77,400	211,344
Miscellaneous . . . . .	303,249	144,000	6,000	81,900	71,349
Textiles . . . . .	299,898	78,000	6,000	99,200	116,698
Iron and steel . . . . .	274,953	84,000	6,000	98,100	86,853
Building trades . . . . .	209,398	90,000	—	34,800	84,598
Service . . . . .	172,704	66,000	—	34,050	72,654
Leather . . . . .	142,078	30,000	—	44,250	67,828
Paper . . . . .	107,271	48,000	—	28,500	30,771
Food . . . . .	103,253	36,000	—	22,800	44,453
Lumber . . . . .	101,395	30,000	6,000	42,650	22,745
Professional . . . . .	50,656	24,000	—	4,800	21,856
Chemicals . . . . .	49,877	24,000	12,000	3,000	10,877
Printing, bookbinding . . . . .	47,105	18,000	—	15,150	13,955
Metals . . . . .	43,918	18,000	—	12,900	13,018
Agriculture . . . . .	43,047	18,000	—	10,200	14,847
Clay, glass, stone . . . . .	40,458	30,000	—	2,700	7,758
Clothing . . . . .	27,913	12,000	—	4,500	11,413
Others in transportation . . . . .	25,489	12,000	—	3,600	9,889
Minerals . . . . .	17,704	12,000	—	3,600	2,104
Water transportation . . . . .	16,840	6,000	—	1,500	9,340
Liquors . . . . .	15,749	6,000	—	2,850	6,899
Express . . . . .	11,578	6,000	—	—	5,578
Telephone and telegraph . . . . .	3,633	—	—	—	3,633
Air transportation . . . . .	325	—	—	—	325
Totals . . . . .	3,236,938	1,386,000	54,000	707,200	1,089,738

*Distributed Severity of Injuries*

EXTENT OF DISABILITY	Days Lost	Per Cent
Deaths . . . . .	1,386,000	42.8
Permanent total disabilities . . . . .	54,000	1.7
Permanent partial disabilities . . . . .	707,200	21.8
Temporary total disabilities . . . . .	1,089,738	33.7
Totals . . . . .	3,236,938	100.0

The above table indicates that under the weighted system used, deaths cover 42.8 per cent of the total time loss, although only 231 out of a total of 35,217 cases were fatal.

*Percentage Distribution of Lost Days and Average Days Per Case, by Industries*

INDUSTRIES	Per Cent of Total	Average Days per Case
Transportation, road	18.7	141
Trade	16.1	72
Miscellaneous	9.4	119
Textiles	9.3	83
Iron and steel	8.5	93
Building trades	6.5	101
Service	5.3	73
Leather	4.4	58
Paper	3.3	97
Food	3.2	58
Lumber	3.1	115
Professional	1.6	64
Chemicals	1.5	136
Printing, bookbinding	1.4	88
Metals	1.4	107
Agriculture	1.3	98
Clay, glass, stone	1.2	206
Clothing	.9	75
Others in transportation	.8	126
Minerals	.5	272
Water transportation	.5	65
Liquors	.5	76
Express	.4	46
Telephone and telegraph	.1	24
Air transportation	.1	65
Totals	100.0	91

<sup>1</sup> Less than one-tenth of one per cent.

A study of the above table indicates that the industry "minerals," again this year, contained the injuries which were of the most severe character, the average days lost per case being 272. Last year the average days per case for this industry were 308. However, it should be noted that this year, as well as last, there were only 65 cases in this industry classification, 2 being fatals for which a weighted time loss of 12,000 days is given and 3 permanent partials with a weighted time loss of 3,600 days.

The industry "clothing" showed an average time loss of 75 days as compared with 32 days per case in 1933. This may be accounted for by the fact that there were 2 fatals in 1934 and none in 1933.

TABLE V, SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES

*Sex of Injured.*—The following table indicates that from a total of 35,217 cases, 88.3 per cent occurred among males and 4,111, or 11.7 per cent occurred among females. The experience according to the extent of disability is here shown.

*Extent of Injury, by Sex*

EXTENT OF DISABILITY	MALES		FEMALES	
	Number of Cases	Per Cent	Number of Cases	Per Cent
Deaths	227	.7	4	.1
Permanent total disabilities	9	.1	—	—
Permanent partial disabilities	776	2.5	77	1.9
Temporary total disabilities	30,094	96.7	4,030	98.0
Totals	31,106	100.0	4,111	100.0

<sup>1</sup> Less than one-tenth of one per cent.

An analysis of the above table shows that males sustained 98.3 per cent of the fatal injuries, and that .7 per cent of the total injuries to them were fatal. The fatal injuries to women were .1 per cent of the total injuries sustained by them.

The permanent total injuries, all occurring to males, were less than one-tenth of one per cent. The percentages of the permanent partial and temporary total disabilities were of almost equal proportion.

*Age.*—The age experience for all years is considered by compressing the number, by year intervals, into groups sufficient for general explanation.

*Distribution of Total Tabulatable Injuries, by Age Periods*

AGE PERIODS (YEARS)	Number of Cases	Per Cent
14 and under . . . . .	24	.1
15 . . . . .	23	.1
16 . . . . .	163	.5
17 . . . . .	360	1.0
18 . . . . .	733	2.1
19 . . . . .	859	2.4
20 to 24, inclusive . . . . .	5,644	16.0
25 to 29, inclusive . . . . .	5,372	15.3
30 to 34, inclusive . . . . .	4,556	12.9
35 to 39, inclusive . . . . .	4,382	12.4
40 to 44, inclusive . . . . .	3,901	11.1
45 to 49, inclusive . . . . .	3,254	9.2
50 to 54, inclusive . . . . .	2,386	6.8
55 to 59, inclusive . . . . .	1,606	4.6
60 to 64, inclusive . . . . .	1,101	3.1
65 and over . . . . .	853	2.4
Totals . . . . .	35,217	100.0

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

## TABLE VI, TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS

No attempt is made in the following table to give the distribution by industries, as Table VI in the Appendix contains this information.

*Distribution of Tabulatable Injuries, by Wage Groups*

WAGE GROUPS	Number of Cases	Per Cent of Total	Cumulative Per Cent
Under \$10.00 . . . . .	1,633	4.7	4.7
\$10.00 to \$10.99 . . . . .	889	2.5	7.2
\$11.00 to \$11.99 . . . . .	658	1.9	9.1
\$12.00 to \$12.99 . . . . .	1,519	4.3	13.4
\$13.00 to \$13.99 . . . . .	1,444	4.1	17.5
\$14.00 to \$14.99 . . . . .	1,901	5.4	22.9
\$15.00 to \$15.99 . . . . .	2,530	7.2	30.1
\$16.00 to \$16.99 . . . . .	1,980	5.6	35.7
\$17.00 to \$17.99 . . . . .	1,264	3.6	39.3
\$18.00 to \$18.99 . . . . .	2,592	7.4	46.7
\$19.00 to \$19.99 . . . . .	1,189	3.4	50.1
\$20.00 to \$20.99 . . . . .	2,289	6.5	56.6
\$21.00 to \$21.99 . . . . .	1,167	3.3	59.9
\$22.00 to \$22.99 . . . . .	1,476	4.2	64.1
\$23.00 to \$23.99 . . . . .	820	2.3	64.4
\$24.00 to \$24.99 . . . . .	1,378	3.9	70.3
\$25.00 to \$25.99 . . . . .	1,972	5.6	75.9
\$26.00 to \$26.99 . . . . .	716	2.0	77.9
\$27.00 to \$27.99 . . . . .	1,045	3.0	80.9
\$28.00 to \$28.99 . . . . .	815	2.3	83.2
\$29.00 to \$29.99 . . . . .	367	1.0	84.2
\$30.00 to \$30.99 . . . . .	1,451	4.1	88.3
\$31.00 to \$31.99 . . . . .	356	1.0	89.3
\$32.00 to \$32.99 . . . . .	427	1.2	90.5
\$33.00 to \$33.99 . . . . .	269	.8	91.3
\$34.00 to \$34.99 . . . . .	215	.6	91.9
\$35.00 and over . . . . .	2,855	8.1	100.0
Totals . . . . .	35,217	100.0	

This year as well as last, the group "\$35.00 and over," is the largest with 2,855 cases, or 8.1 per cent of the total. This is, however, 3.3 per cent less than last year and 15. per cent less than for the year ending June 30, 1930.

There was a decrease from 6.8 per cent in 1933 to 4.7 per cent in 1934, in the number of cases in which the employees were receiving less than \$10 a week. However, during the year ending June 30, 1930, this group was only 1.4 per cent of the total.

The number of cases in which the employees received the maximum compensation of \$18 a week decreased from 28.8 per cent in 1933 to 22.1 per cent in 1934.

NUMBER OF TOTAL TABULATABLE INJURIES BY WAGE GROUP

Comparison of year ending  
June 30, 1933 with year ending June 30, 1934  
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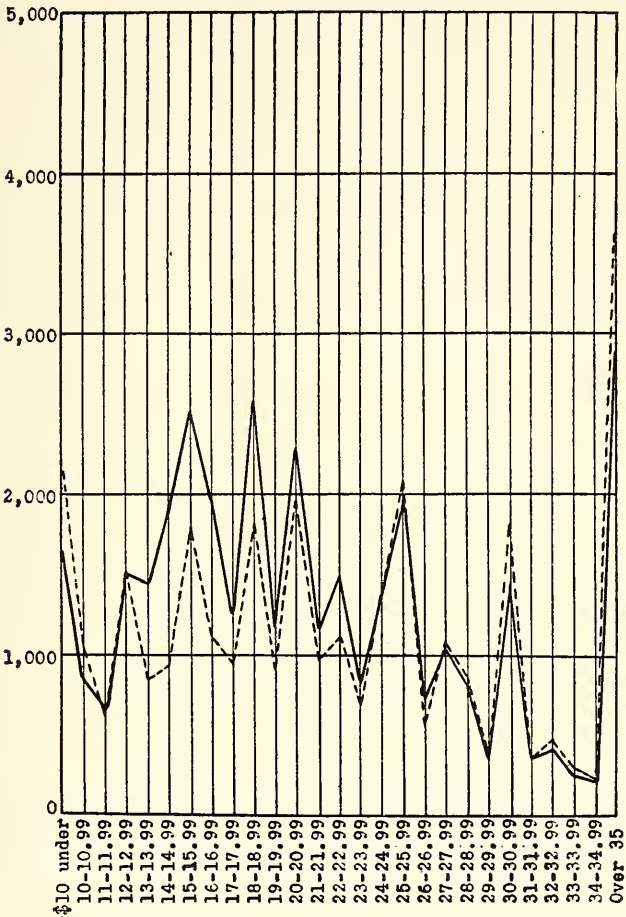


TABLE VII, LOCATION OF INJURY, BY NATURE OF INJURY  
*Distribution of Tabulatable Injuries, by Location of Injury*

LOCATION OF INJURY	Number of Cases	Per Cent
Upper extremities . . . . .	14,535	41.3
Lower extremities . . . . .	9,066	25.7
Trunk . . . . .	7,641	21.7
Head . . . . .	1,939	5.5
Face and neck . . . . .	1,098	3.1
Body . . . . .	938	2.7
Totals . . . . .	35,217	100.0

It will be observed that of a total of 35,217 injuries, 14,535 or 41.3 per cent affected the upper extremities.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries, by location and nature of injury, will prove of interest.



*Distribution of Tabulatable Injuries, by Location and Nature of Injury*

NATURE OF INJURY	Head	Face and Neck	Trunk	Upper Extremities	Lower Extremities	Body	Totals
Cuts, punctures, etc.	591	384	88	7,014	1,485	29	9,591
Sprains and strains	2	67	5,549	1,391	2,279	36	9,324
Abrasions, bruises, etc.	215	142	943	2,053	2,768	184	6,305
All other	725	114	559	997	939	399	3,733
Fractures	76	66	425	1,154	1,236	—	2,957
Burns and scalds	191	250	55	769	269	39	1,573
Amputations, loss of use	51	—	—	671	39	—	761
Occupational diseases	17	75	9	358	16	228	703
Dislocations	—	—	13	128	35	—	176
Concussions	71	—	—	—	—	—	71
Electric shocks	—	—	—	—	—	23	23
Totals	1,939	1,098	7,641	14,535	9,066	938	35,217

TABLE VIII, LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY

This table shows the tabulatable injuries, by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

*Total Tabulatable Injuries, by Nature of Injury and Extent of Disability, Including Percentage Distribution*

NATURE OF INJURY	Totals	Per Cent	Deaths	Per- manent Total Disabili- ties	Per- manent Partial Disabili- ties	Tem- porary Total Disabili- ties
Cuts, punctures, etc.	9,591	27.2	16	—	2	9,573
Sprains and strains	9,324	26.5	14	1	12	9,297
Abrasions, bruises, etc.	6,305	17.9	6	—	1	6,298
All other	3,733	10.6	71	3	12	3,647
Fractures	2,957	8.4	75	2	44	2,836
Burns and scalds	1,573	4.5	15	—	1	1,557
Amputations, loss of use	761	2.1	6	1	754	—
Occupational diseases	703	2.0	17	1	22	663
Dislocations	176	.5	—	—	—	176
Concussions	71	.2	3	1	4	63
Electric shocks	23	.1	8	—	1	14
Totals	35,217	100.0	231	9	853	34,124

TABLE IX, INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY

A comparison of the statistics of infections shows that there were 166 cases more than in 1933. Experience of the Board shows that one out of every eleven tabulatable injuries resulted in an infection, as compared with one out of every ten for the four previous years. The reason for this rather strange ratio can be more or less charged to the individual.

Investigation made by the Department of Labor and Industries has indicated that in the greater majority of cases facilities for first aid treatment were available, but that the employees neglected to make use of them.

*Infection, by Nature of Injury and Extent of Disability*

NATURE OF INJURY	Totals	Deaths	Permanent Partial Disabilities	Temporary Total Disabilities
Cuts, punctures, lacerations	2,164	15	1	2,148
Abrasions, bruises, contusions	457	5	1	451
All other	376	—	2	374
Burns and scalds	95	2	—	93
Amputations, loss of use	45	3	42	—
Fractures	7	1	—	6
Sprains and strains	7	—	—	7
Totals	3,151	26	46	3,079

According to the above table 3,151 cases of infections ensued from injuries. This is 8.9 per cent of the total tabulatable injuries.

TABLE X, CAUSES OF INJURIES, BY EXTENT OF DISABILITY

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

Number of tabulatable injuries:	Days lost due to:
Total cases	Total cases
Deaths	Deaths
Permanent total disabilities	Permanent total disabilities
Permanent partial disabilities	Permanent partial disabilities
Temporary total disabilities	Temporary total disabilities
7 days and under	7 days and under
1 to 2 weeks	1 to 2 weeks
2 to 3 weeks	2 to 3 weeks
Over 3 weeks	Over 3 weeks

Condensed information of the detailed table follows:

*Total Tabulatable Injuries, by Cause of Injury and Extent of Disability*

CAUSE OF INJURY	Totals	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	Temporary Total Disabilities
Handling of objects . . . . .	10,226	21	1	102	10,102
Falls of persons . . . . .	6,534	38	2	48	6,446
Machinery . . . . .	5,098	24	1	527	4,546
Vehicles . . . . .	2,914	72	2	32	2,808
Hand tools . . . . .	2,522	3	—	45	2,474
Stepping on or striking against objects . . . . .	2,036	9	—	14	2,013
Miscellaneous causes . . . . .	1,962	12	2	35	1,913
Explosions, electricity, etc. . . . .	1,595	28	—	16	1,551
Falling objects, not being handled by employee . . . . .	1,439	6	—	10	1,423
Occupational diseases . . . . .	699	17	1	22	659
Animals . . . . .	192	1	—	2	189
Totals . . . . .	35,217	231	9	853	34,124

The above table, in condensed form shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.

The following table shows by percentage distribution the information conveyed above, and may be better used for purposes of comparison.

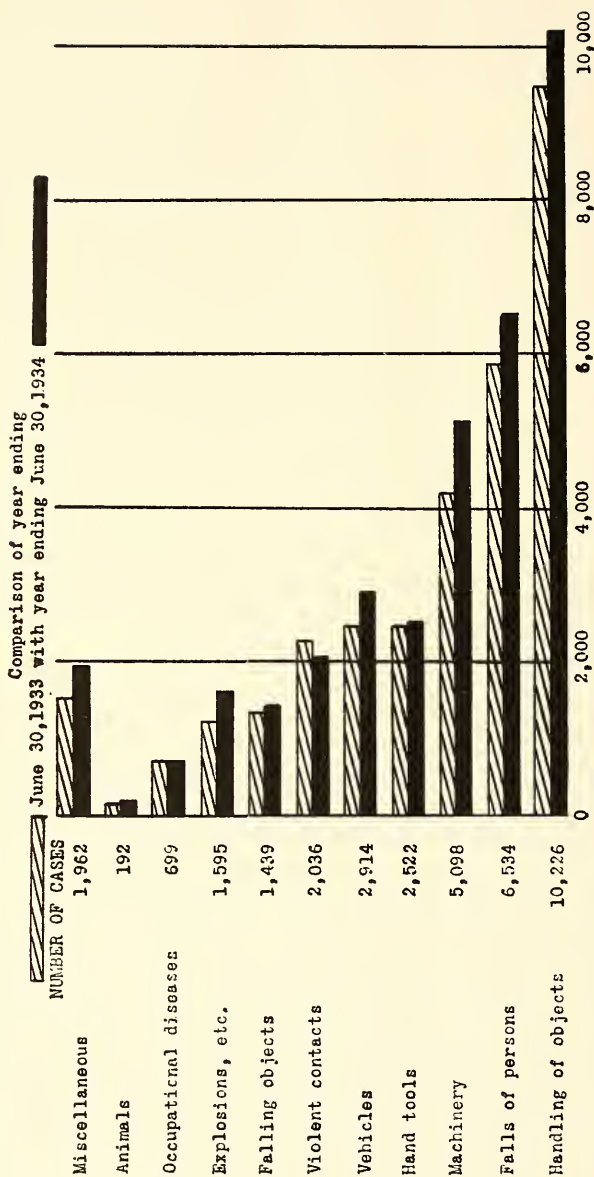
*Distribution of Causes, by Per Cents*

CAUSE OF INJURY	Totals	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	Temporary Total Disabilities
Handling of objects . . . . .	29.0	9.1	11.1 <sup>†</sup>	12.0	29.6
Falls of persons . . . . .	18.5	16.4	22.2 <sup>†</sup>	5.6	18.9
Machinery . . . . .	14.5	10.4	11.1 <sup>†</sup>	61.8	13.3
Vehicles . . . . .	8.3	31.2	22.2 <sup>†</sup>	3.7	8.2
Hand tools . . . . .	7.2	1.3	—	5.3	7.3
Stepping on or striking against objects . . . . .	5.8	3.9	—	1.6	5.9
Miscellaneous causes . . . . .	5.6	5.2	22.2 <sup>†</sup>	4.1	5.6
Explosions, electricity, etc. . . . .	4.5	12.1	—	1.9	4.5
Falling objects, not being handled by employee . . . . .	4.1	2.6	—	1.2	4.2
Occupational diseases . . . . .	2.0	7.4	11.1 <sup>†</sup>	2.6	1.9
Animals . . . . .	.5	.4	—	.2	.6
Totals . . . . .	100.0	100.0	100.0	100.0	100.0

The cause group in which the highest number of accidents occurred was "handling of objects," with 29.0 per cent, followed by "falls of persons," with 18.5 per cent.



DISTRIBUTION OF INJURIES



*Distribution of Causes, by Resultant Days Lost*

CAUSE OF INJURY	Totals	Per Cent	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	Temporary Total Disabilities
Machinery . . . . .	651,776	20.1	144,000	6,000	358,300	143,476
Vehicles . . . . .	604,299	18.7	432,000	12,000	53,850	106,449
Falls of persons . . . . .	583,777	18.0	228,000	12,000	76,500	267,277
Handling of objects . . . . .	496,749	15.4	126,000	6,000	62,850	301,899
Explosions, electricity, etc. . . . .	223,610	6.9	168,000	—	15,300	40,310
Occupational diseases . . . . .	165,009	5.1	102,000	6,000	28,500	28,509
Miscellaneous causes . . . . .	155,610	4.8	72,000	12,000	25,200	46,410
Stepping on or striking against objects . . . . .	120,529	3.7	54,000	—	21,600	44,929
Hand tools . . . . .	119,998	3.7	18,000	—	48,000	53,998
Falling objects, not being handled by employee . . . . .	99,388	3.1	36,000	—	14,100	49,288
Animals . . . . .	16,193	.5	6,000	—	3,000	7,193
Totals . . . . .	3,236,938	100.0	1,386,000	54,000	707,200	1,089,738

As indicated above the most serious cause of injury as measured in terms of time loss, is "machinery," with 20.1 per cent of the total. The estimated time loss on this account, as shown by the above table, was 651,776 days. This increase is due, in part, to the fact that there were 24 fatalities in this classification this year and only 10 last year.

*Average Time Loss per Case, by Principal Causes*

CAUSE OF INJURY	Average Days per Case
Occupational diseases . . . . .	236
Vehicles . . . . .	207
Explosions, electricity, etc. . . . .	140
Machinery . . . . .	127
Falls of persons . . . . .	89
Animals . . . . .	84
Miscellaneous causes . . . . .	79
Falling objects, not being handled by employee . . . . .	69
Stepping on or striking against objects . . . . .	59
Handling of objects . . . . .	48
Hand tools . . . . .	47

In considering these figures the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the Appendix under this table heading.

TABLE XI, MACHINERY—FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE

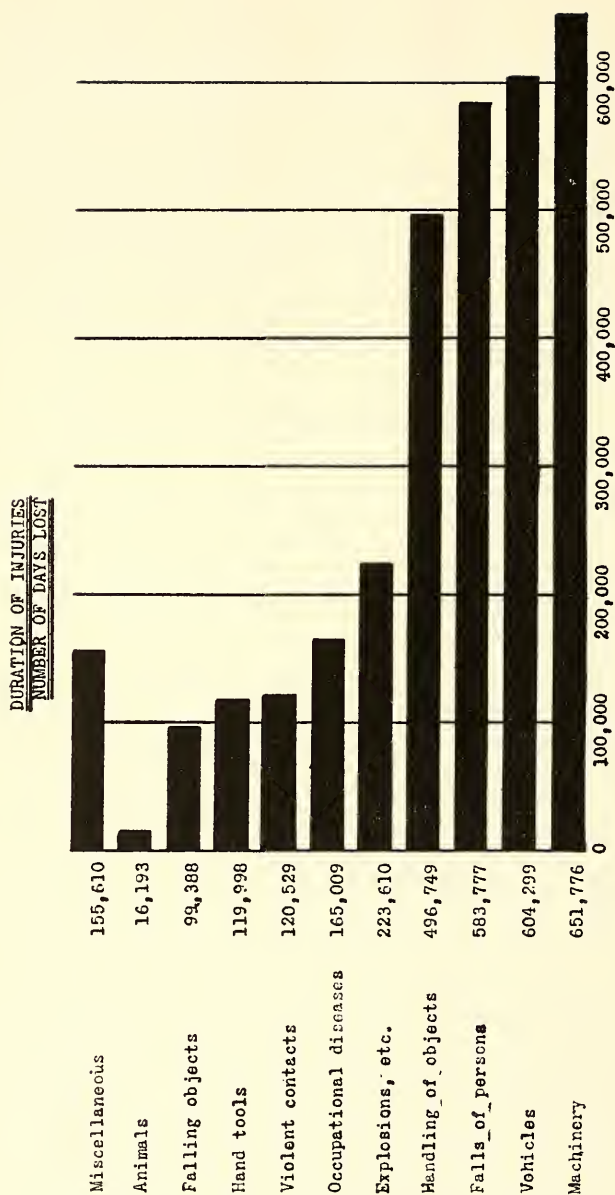
The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

*Machine Accidents, by Manner of Occurrence*

MANNER OF OCCURENCE	Number of Cases	Per Cent of Total
Starting, stopping, or operating machine . . . . .	2,320	45.5
All other . . . . .	1,149	22.5
Adjusting machine, tool, or work . . . . .	561	11.0
Flying objects . . . . .	382	7.5
Cleaning or oiling machine . . . . .	339	6.7
Breaking of machine, tool, or work . . . . .	216	4.2
Repairing machine . . . . .	131	2.6
Totals . . . . .	5,098	100.0

Of the 5,098 machine accidents, 2,320 or 45.5 per cent occurred while "starting, stopping or operating machine." There were 1,976 of these cases which occurred at the "point of operation."

Further analysis of the table is given in the following summary, showing the part of the machine on which the injury occurred.



*Machine Accidents, by Part of Machine*

PART OF MACHINE	Number of Cases	Per Cent of Total
Point of operation . . . . .	3,004	58.9
All other . . . . .	1,656	32.5
Gears . . . . .	196	3.8
Belts . . . . .	194	3.8
Cranks and eccentrics . . . . .	23	.5
Setscrews, keys, and bolts . . . . .	11	.2
Flywheels . . . . .	10	.2
Counterweights . . . . .	4	.1
Totals . . . . .	5,098	100.0

TABLE XII, CONDITION OF DEPENDENTS IN UNINSURED FATAL CASES

This table shows in detail, when the information was obtainable, the industry, occupation, age, wage, amount payable under the Act in analogous cases, dependents, settlement, and financial condition of the family. Analysis of the facts in the table is not made here, but will be found in a separate chapter devoted to the subject under this heading.

TABLE XIII, CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES

The conjugal condition of the employees fatally injured, the extent of dependency according to the number of persons dependent are considered in the following paragraphs:

*Conjugal Condition in Fatal Cases*

CONDITION	Number of Cases	Per Cent of Total
Single . . . . .	34	14.7
Married . . . . .	183	79.3
Widowed . . . . .	13	5.6
Divorced . . . . .	1	.4
Totals . . . . .	231	100.0

Of the 183 cases in which the employees were married, 181 involved total dependency, 1 partial and 1 no dependency.

There were 34 cases in which the employees were single. Total dependency was involved in 7 cases, partial dependency in 17 cases, and in the remaining 10 cases, there was no dependency.

In the remaining 14 cases, 13 were widowed and 1 divorced.

TABLE XIV, SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED

This table indicates that there were 754 cases of specific injuries. In 103, or 13.7 per cent, the employees were more than 55 years of age; 1, or .1 per cent, occurred among children under 16 years of age.

The number of injuries to minors increased from 6 in 1933 to 15 in 1934.

*Specific Injuries*

TYPE OF INJURY	Number of Cases	Per Cent
One or more fingers, 1 phalange . . . . .	495	65.6
Two or more fingers, 2 or more phalanges . . . . .	57	7.6
One eye . . . . .	51	6.8
Right or major index finger, 2 or more phalanges . . . . .	26	3.4
Right or major thumb, 1 phalange . . . . .	20	2.7
Right or major hand or arm . . . . .	20	2.7
One foot or leg . . . . .	16	2.1
One toe . . . . .	13	1.7
Left or minor hand or arm . . . . .	13	1.7
Right or major thumb, 2 or more phalanges . . . . .	12	1.6
Two or more toes . . . . .	7	.9
Right or major index finger at second joint and one or more fingers . . . . .	6	.8
Right or major thumb at first joint and right or major index finger at second joint . . . . .	5	.7
Right or major thumb at first joint and one or more fingers . . . . .	3	.4
Right or major thumb and index finger, 2 or more phalanges . . . . .	2	.3
Right or major thumb at second joint and one or more fingers . . . . .	2	.3
One finger or thumb on each hand . . . . .	2	.3
Two or more fingers on each hand . . . . .	1	.1
One finger or thumb and one toe . . . . .	1	.1
All toes on one foot, one on other, and one finger on each hand . . . . .	1	.1
Both hands . . . . .	1	.1
Totals . . . . .	754	100.0

The group "one or more fingers, one phalange," continues to be the largest numerically of all the groups classified within this table. Included within this classification are all finger injuries, except those occurring to the right or major thumb and index finger, in which there is a loss either by amputation or the equivalent loss of use of less than two phalanges of one or more fingers. In other words, this group includes specified injuries to both one finger and left or minor thumb, and other such injuries which do not come within the higher classification, "two or more fingers, two or more phalanges."

There was one case in which the employee lost both hands. In another, which is not included in the above table, it has not been definitely determined whether or not specific compensation is due for the loss of sight in both eyes. This case has been rated a permanent total and is listed under Table III.

TABLE XV, SPECIFIC INJURY CASES, BY CAUSES

There were 514 cases, or 68.2 per cent of the total specific injuries, which occurred on machinery. This is an increase of 1.7 per cent as compared with 1933.

In the group "one or more fingers, one phalange," there were 495 cases. There were 361 of these cases which were due to machinery and 276, or 79.2 per cent, occurred at the "point of operation."

*Percentage Distribution of Specific Injury Cases, by Causes*

CAUSE OF INJURY	Number of Cases	Per Cent of Total
Machinery . . . . .	514	68.2
Handling of objects . . . . .	92	12.2
Hand tools . . . . .	43	5.7
Miscellaneous causes . . . . .	34	4.5
Vehicles . . . . .	25	3.3
Falls of persons . . . . .	15	2.0
Fires, explosions, electricity, etc. . . . .	13	1.7
Stepping on or striking against objects . . . . .	13	1.7
Falling objects, not being handled by employee . . . . .	5	.7
Totals . . . . .	754	100.0

*Distribution of Specific Injuries to Eye, by Causes*

CAUSE OF INJURY	Number of Cases
Hand tools . . . . .	22
Machinery . . . . .	12
Fires, explosions, electricity, etc. . . . .	6
Handling of objects . . . . .	4
Miscellaneous causes . . . . .	2
Falls of persons . . . . .	2
Stepping on or striking against objects . . . . .	2
Falling objects not being handled by injured . . . . .	1
Total . . . . .	51

**DEPENDENCY IN FATAL CASES NOT INSURED UNDER THE ACT**

From July 1, 1933, to June 30, 1934, there were 22 non-insured fatal cases. The dependents in these cases obtained their relief by settlement, voluntary agreement or through legal procedure.

The information contained below was obtained by questionnaires sent to the dependents or by personal interview.

*Not Insured Fatal Injuries, by Industries*

INDUSTRY	Number of Cases	INDUSTRY	Number of Cases
Steam railroads . . . . .	12	Ice Harvesting . . . . .	1
Cotton Manufacture . . . . .	2	Professional service . . . . .	1
Express . . . . .	2	Taxi . . . . .	1
Real Estate . . . . .	1	Quarrying . . . . .	1
Wholesale and retail trade . . . . .	1	Total . . . . .	22

The average age of the employees at the time of death was 45 years and the average weekly wages were \$25.54.

Subject to the provisions of the Act, the possible total payment to dependents in these cases is \$97,550.00. In all but 3 cases dependency was total and in each of such cases the maximum payment possible, according to the number of dependents, is between \$4,000 and \$6,400. In the 3 "no dependency" cases, \$250



would have been due in each case, \$150 for funeral expenses and \$100 to the Commonwealth in accordance with G. L. c. 152, s. 65.

In only 7 of these cases were we able to obtain accurate figures as to the actual amount paid by non-insured employers to the dependents of their fatally injured employees. The amount paid was \$20,900, or an average of \$2,985 per case.

Last year the total amount of settlements reported in 11 cases was \$79,095. This figure included one case in which \$20,000 was paid, and 4 cases in each of which between \$8,000 and \$9,000 was reported paid. These were cases of injuries to a railroad inspector, a foreman, a fireman, an engineer, and a yard-man.

A statistical tabulation of these cases follows:

Industry and occupation	Age	Wages	Dependents and Amount Payable in Analogous Cases	Settlement
Steam railroad, trackman . . . . .	32	\$12.68	None (\$250.00) . . . . .	\$1,000
Steam railroad, foreman . . . . .	42	\$35.00	Widow and 2 children . . . . . (\$5,600.00)	\$ 2,500
Steam railroad, freight conductor . . . . .	65	\$35.00	Widow . . . . . (\$4,000.00)	\$ 600
Professional service, painter . . . . .	37	\$33.00	Widow and 6 children . . . . . (\$6,400.00)	\$ 6,200
Mfg. cotton goods, ass't. fireman . . . . .	48	\$21.95	Two children . . . . . (\$4,000.00)	\$ 3,000
Mfg. cotton yarn, overseer . . . . .	49	\$30.80	Widow and 2 children . . . . . (\$5,600.00)	\$ 2,000
Express, sorter and loader . . . . .	52	\$29.75	Widow and 1 child . . . . . (\$4,800.00)	\$ 5,600
Totals . . . . .			\$30,650.00	\$20,900

An analysis of dependency is of value in uninsured cases in showing upon whom the burden fell.

#### *Dependency in Uninsured Cases*

DEPENDENCY	Number of Cases	DEPENDENCY	Number of Cases
Widow and 6 children . . . . .	1	Widow and 1 child . . . . .	1
Widow and 5 children . . . . .	2	Widow . . . . .	6
Widow and 4 children . . . . .	1	Two children . . . . .	1
Widow and 3 children . . . . .	1	One child . . . . .	1
Widow and 2 children . . . . .	5	No dependents . . . . .	3
		Total . . . . .	22

### THE MEDICAL DIVISION

The work accomplished by the Medical Division of the Board, under the supervision of its medical adviser,<sup>1</sup> is briefly presented in this chapter. A more detailed statement of the work and functions of this department will be found in the sixth annual report.

Insurers under the Workmen's Compensation Act paid out for medical and hospital services during the period July 1, 1933, to June 30, 1934, the sum of \$2,175,950.93. This sum represents 35.3 per cent of the total payments of the year. During this period, 87,695 injured employees were furnished either medical or hospital treatment at the expense of the insurance companies.

Many problems have grown out of the large number of cases which have required the advice and assistance of the Medical Division, including advice as to the reasonableness of the charges of physicians and hospitals in disputed cases, adequacy of the treatment provided, additional treatment beyond the first two weeks after the injury, whether the employee's incapacity for work as a result of the injury had terminated in whole or in part, and other medical questions.

Impartial physicians are appointed by the Members of the Board. During the year covered by this report, 2,179 impartial examinations have been made at a total cost of \$17,345.76. In addition to this sum, \$644.36 was paid out on account of services of impartial physicians at hearings upon disputed cases, and for hospital records obtained by the Board.

The Medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment, but that the cost of such treatment should be reasonable.

<sup>1</sup> Francis D. Donoghue, M. D.



## AMENDMENTS TO THE WORKMEN'S COMPENSATION ACT

The following four amendments were enacted during the 1935 session. There were several others pending at the time that this report went to press, which, in all probability, will be enacted.

Chapter one hundred and fifty-two of the General Laws is hereby amended by striking out section twenty-seven, as appearing in the Tercentenary Edition, and inserting in place thereof the following:

*Section 27.* If the employee is injured by reason of his serious and wilful misconduct, he shall not receive compensation; but this provision shall not bar compensation to his dependents if the injury results in death. (Approved June 5, 1935, in effect September 3, 1935.)

Section one of chapter one hundred and fifty-two of the General Laws, as appearing in the Tercentenary Edition, is hereby amended by adding at the end of clause (1) the following:

In case the injured employee is employed in the concurrent service of more than one insured employer his total earnings from the several insured employers shall be considered in determining his average weekly wages. Weeks in which the employee received less than five dollars in wages shall be considered time lost and shall be excluded in determining the average weekly wages; provided, however, that this exclusion shall not apply to employees whose normal working hours in the service of the employer are less than fifteen hours each week.

Said chapter one hundred and fifty-two is hereby amended by striking out section thirty-four, as so appearing, and inserting in place thereof the following:

*Section 34.* While the incapacity for work resulting from the injury is total, the insurer shall pay to the injured employee a weekly compensation equal to two-thirds of his average weekly wages, but not more than eighteen dollars nor less than nine dollars a week, unless the weekly wages of the injured employee are less than nine dollars, in which case said weekly compensation shall be equal to his average weekly wages, but in no case less than seven dollars a week where the number of normal working hours of the injured employee in a week are fifteen or more; provided, that the period covered by such compensation shall not be greater than five hundred weeks nor the amount more than forty-five hundred dollars. (Approved June 5, 1935, in effect September 3, 1935.)

Chapter one hundred and fifty-two of the General Laws is hereby amended by striking out section thirty-six, as amended by chapter two hundred and fifty-seven of the acts of nineteen hundred and thirty-three, and inserting in place thereof the following:

*Section 36.* In case of the following specified injuries the sum of ten dollars a week shall be paid, in addition to all other compensation, for the following periods:

(a) For the loss by severance of both hands at or above the wrist, a period of one hundred and seventy-five weeks.

(b) For the reduction to twenty-seventieths of normal vision in both eyes, with glasses, a period of one hundred and fifty weeks.

(c) For the loss by severance of both feet at or above the ankle, a period of one hundred weeks.

(d) For the loss by severance of the right or major hand at or above the wrist, a period of seventy-five weeks.

(e) For the loss by severance of the left or minor hand at or above the wrist, or of either foot at or above the ankle, a period of fifty weeks.

(f) For the reduction to twenty-seventieths of normal vision in either eye, with glasses, a period of fifty weeks.

(g) For the loss by severance at or above the second joint of the thumb of the right or major hand, a period of forty weeks.

(h) For the loss by severance at or above the second joint of the index finger of the right or major hand, a period of twenty weeks.

(i) For the loss by severance of one phalange of the thumb of the right or major hand, a period of twenty weeks.

(j) For the loss by severance of two phalanges of each of two fingers of the same hand which for the purposes hereof may include the thumb of the left or minor hand but not the thumb or index finger of the right or major hand, or of each of

two or more toes of the same foot, a period of twenty-five weeks for each hand or foot so injured, and any compensation payable under this paragraph shall be in addition to any compensation payable under paragraphs (g), (h), (i), and (k), or any of them, subject, however, to the limitation contained in said paragraph (k).

(k) For the loss by severance of the terminal phalange or phalanges of any finger or fingers, not exceeding three on the same hand, which for the purposes hereof may include the thumb of the left or minor hand but not of the right or major hand, a period of twelve weeks in case of the loss by severance of one such terminal phalange, or a period of twenty-two weeks in case of the loss as aforesaid of two such terminal phalanges on the same hand, or a period of thirty-weeks in case of the loss as aforesaid of three or more such terminal phalanges on the same hand; provided, that no compensation shall be payable under this paragraph for the loss by severance of any phalange for the loss of which compensation is payable under any other paragraph of this section, and provided, further, that compensation shall be payable under this paragraph on account of injury to one hand only for such number of weeks as, together with the number of weeks during which compensation is payable under any other paragraph of this section for injury to the same hand, will not exceed forty-seven in the case of the left or minor hand or seventy-two in the case of the right or major hand.

(l) For the loss by severance of at least one phalange of any toe, a period of twelve weeks, for each foot so injured.

(m) The additional amounts provided for in this section in case of the loss of a particular hand, foot, thumb, finger, toe or phalange shall also be paid for the number of weeks above specified if the injury is such that that hand, foot, thumb, finger, toe or phalange is not lost but so injured as to be permanently incapable of use. (Approved June 5, 1935, in effect September 3, 1935.)

Chapter one hundred and seventeen of the acts of nineteen hundred and thirty-two is hereby amended by striking out section two, which read as follows:

"This act shall apply to cases wherein compensation has been paid in pursuance of findings or agreements of the parties made subsequent to January first, nineteen hundred and twenty-five." (Approved June 13, 1935, in effect September 11, 1935.)

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## STATISTICAL TABLES.

TABLE I.—*Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1933 to June 30, 1934*

INDUSTRIES	Insured	Not Insured	Total
<b>Agriculture, Forestry and Animal Husbandry</b>	<b>418</b>	<b>18</b>	<b>436</b>
Agriculture . . . . .	249	7	256
Forestry . . . . .	72	3	75
Animal husbandry . . . . .	40	1	41
Ice harvesting . . . . .	57	7	64
<b>Extraction of Minerals</b>	<b>52</b>	<b>13</b>	<b>65</b>
Quarrying . . . . .	52	13	65
<b>Building Trades</b>	<b>2,052</b>	<b>15</b>	<b>2,067</b>
Carpenters . . . . .	349	1	350
Electricians . . . . .	105	1	106
Masons . . . . .	159	—	159
Plumbers . . . . .	204	1	205
Painters . . . . .	95	1	96
All other . . . . .	1,140	11	1,151
<b>Chemical and Allied Products</b>	<b>365</b>	<b>1</b>	<b>366</b>
Fertilizers . . . . .	27	—	27
Paints, varnish and japanning . . . . .	36	—	36
Powder, cartridges, fireworks, etc., makers . . . . .	22	—	22
Soap makers . . . . .	57	—	57
Other chemical workers . . . . .	223	1	224
<b>Clay, Glass and Stone Products</b>	<b>193</b>	<b>3</b>	<b>196</b>
Brick makers . . . . .	33	—	33
Potteries . . . . .	8	—	8
Tile makers . . . . .	3	—	3
Glass makers, workers . . . . .	33	—	33
Lime, cement and gypsum . . . . .	42	—	42
Marble and stone cutters . . . . .	65	3	68
Mica, isinglass . . . . .	9	—	9
<b>Clothing</b>	<b>368</b>	<b>1</b>	<b>369</b>
Clothing makers . . . . .	282	1	283
Corset makers . . . . .	7	—	7
Hat makers, wool or felt . . . . .	48	—	48
Shirt, collar and cuff makers . . . . .	31	—	31
<b>Food and Kindred Products</b>	<b>1,765</b>	<b>5</b>	<b>1,770</b>
Bakery, bread and other bakery products . . . . .	470	2	472
Butter and cheese makers . . . . .	45	—	45
Candy, confectionery . . . . .	234	—	234
Fish curers and packers . . . . .	108	1	109
Flour and grain mills . . . . .	5	—	5
Fruit and vegetable canners . . . . .	16	—	16
Slaughter and packing houses . . . . .	605	2	607
Sugar makers and refiners . . . . .	60	—	60
Other food preparers . . . . .	222	—	222
<b>Iron and Steel and Their Products</b>	<b>2,640</b>	<b>194</b>	<b>2,834</b>
Agricultural implements . . . . .	4	—	4
Automobile factories . . . . .	274	1	275
Car and railroad shops . . . . .	11	—	11
Foundries and metal working, tools, forging . . . . .	909	136	1,045
Ship and boat building . . . . .	67	46	113
Wagons and carriages . . . . .	5	—	5
Other iron and steel workers . . . . .	1,370	11	1,381
<b>Leather and Its Finished Products</b>	<b>2,406</b>	<b>8</b>	<b>2,414</b>
Leather belt, leather case, pocketbook makers . . . . .	67	1	68
Shoes . . . . .	1,320	—	1,320
Tanneries . . . . .	1,009	7	1,016
Trunk makers . . . . .	10	—	10
<b>Liquors and Beverages</b>	<b>206</b>	<b>—</b>	<b>206</b>
Breweries . . . . .	100	—	100
Distilleries . . . . .	15	—	15
Other liquor and beverage workers . . . . .	91	—	91
<b>Lumber and Its Re-manufacture</b>	<b>872</b>	<b>4</b>	<b>876</b>
Box makers (wood) . . . . .	123	—	123
Furniture . . . . .	302	3	305
Pianos and organs . . . . .	20	—	20
Saw and planing mills . . . . .	98	1	99
Wood heels . . . . .	28	—	28
Other wood workers . . . . .	301	—	301
<b>Metals and Metal Products Other than Iron and Steel</b>	<b>409</b>	<b>2</b>	<b>411</b>
Brass mills . . . . .	33	—	33
Clock factories . . . . .	10	—	10
Copper factories . . . . .	43	—	43
Gold and silver factories . . . . .	54	—	54
Jewelry factories . . . . .	61	1	62
Lead and zinc factories . . . . .	40	—	40
Tin-plate factories . . . . .	33	—	33
Watch factories . . . . .	31	—	31
Copper and brass factories . . . . .	50	—	50
Other metal workers . . . . .	54	1	55



TABLE I.—Total Tabulatable Injuries, by Industries and Cases Insured and not Insured, July 1, 1933 to June 30, 1934—Continued

INDUSTRIES	Insured	Not Insured	Total
<b>Paper</b>	<b>1,097</b>	<b>3</b>	<b>1,100</b>
Box makers (paper)	186	—	186
Makers of blank books, envelopes, tags and labels, paper bags	107	3	110
Paper and pulp mills	481	—	481
Pulp mills	10	—	10
Other paper goods	313	—	313
<b>Printing and Bookbinding</b>	<b>520</b>	<b>15</b>	<b>535</b>
Printing and publishing establishments	520	15	535
<b>Textiles</b>	<b>3,510</b>	<b>73</b>	<b>3,583</b>
Carpet mills	88	2	90
Cotton mills	1,173	65	1,238
Dyeing and finishing textiles	301	—	301
Hemp and jute mills	31	—	31
Knitting mills	151	—	151
Lace and embroidery makers	1	—	1
Linen mills	26	—	26
Print works	128	1	129
Rope and cordage factories, twine	26	—	26
Sail, awning and tent makers	8	—	8
Silk mills	124	1	125
Woolen mills, worsted mills	1,127	2	1,129
Not specified textile workers	326	2	328
<b>Miscellaneous Industries</b>	<b>2,516</b>	<b>15</b>	<b>2,531</b>
Broom and brush makers	22	3	25
Button makers	6	—	6
Charcoal and coke burners	4	—	4
Cigars and tobacco	9	—	9
Electric light and power companies	241	—	241
Electrical supplies	375	4	379
Gas works	219	1	220
Oil works	227	—	227
Rubber factories	638	1	639
Straw workers	9	—	9
Turpentine distillers	1	—	1
Gas and electric companies	97	—	97
Other miscellaneous industries and occupations	668	6	674
<b>Water Transportation</b>	<b>238</b>	<b>21</b>	<b>259</b>
Water transportation	238	21	259
<b>Transportation, Road, etc.</b>	<b>3,916</b>	<b>354</b>	<b>4,270</b>
Construction and maintenance of roads, streets, etc.	2,187	20	2,207
Livery stables and garages	433	1	434
Truck, transfer, cab and hack companies	953	19	972
Street railways	343	40	383
Steam railroads	—	274	274
<b>Express Companies</b>	<b>118</b>	<b>131</b>	<b>249</b>
Express companies	118	131	249
<b>Telephone and Telegraph</b>	<b>1</b>	<b>146</b>	<b>147</b>
Telephone and telegraph	1	146	147
<b>Aeroplane Transportation</b>	<b>5</b>	<b>—</b>	<b>5</b>
Aeroplane transportation	5	—	5
<b>Other Persons in Transportation</b>	<b>201</b>	<b>—</b>	<b>201</b>
Other persons in transportation	201	—	201
<b>Trade</b>	<b>6,939</b>	<b>260</b>	<b>7,199</b>
Banking and brokerage	120	—	120
Insurance	140	11	151
Real estate	352	4	356
Automobile	427	3	430
Clothing	398	—	398
Gasoline filling stations	223	—	223
Food	2,476	215	2,691
Furniture	187	—	187
All other wholesale and retail trade	2,375	26	2,401
Elevators	20	—	20
Stockyards	1	—	1
Warehouses and cold-storage plants	150	—	150
Other persons in trade	64	1	65
Clerical assistants, industry, business or profession not specified	6	—	6
<b>Professional Service</b>	<b>734</b>	<b>47</b>	<b>781</b>
Professional service	734	47	781
<b>Domestic and Personal Service</b>	<b>2,329</b>	<b>18</b>	<b>2,347</b>
Occupations not in industries	1,994	16	2,010
Laundry and laundry work	335	2	337
<b>Grand Total</b>	<b>33,870</b>	<b>1,347</b>	<b>35,217</b>

TABLE II.—*Insurance Transactions Under the Act, filed by Insurance Companies on Injuries Reported for the Year, July 1, 1933 to June 30, 1934*

Number of employees who lost no time from work, but required medical services	57,422	
Payments made		\$485,067 25
Outstanding payments		33,096 93
		<hr/> \$518,164 18
Number of employees who were not disabled more than seven days, but required medical services	10,020	
Payments made		\$126,323 83
Outstanding payments		8,082 24
		<hr/> \$134,406 07
Number of employees receiving compensation only	2,667	
Payments made		\$163,887 03
Outstanding payments		37,654 52
		<hr/> \$201,541 55
Number of employees receiving both medical services and compensation	20,253	
Medical payments made		\$1,121,631 63
Medical payments outstanding		383,078 62
		<hr/> \$1,504,710 25
Compensation payments made		\$1,797,579 01
Compensation payments outstanding		1,308,191 31
		<hr/> \$3,105,770 32
Number of cases requiring neither payment of compensation nor medical	24,922	
Total dependency fatalities	154	
Compensation payments made		\$64,598 65
Outstanding compensation payments		568,677 36
		<hr/> \$633,276 01
Partial dependency fatalities	22	
Compensation payments made		\$7,904 00
Outstanding compensation payments		32,852 50
		<hr/> \$40,756 50
No dependency fatalities	9	
Payments made		\$1,044 00
Payments outstanding		1,273 00
		<hr/> \$2,317 00
<hr/>		
Number of fatal cases reported to insurers		185
Number of non-fatal cases reported to insurers		115,284
		<hr/> 115,469
Total number reported to insurers		
Total medical paid		\$1,748,540 14
Total medical outstanding		427,410 79
		<hr/> \$2,175,950 93
Total fatal compensation paid		\$73,546 65
Total fatal compensation outstanding		602,802 86
		<hr/> \$676,349 51
Total non-fatal compensation paid		\$1,961,466 04
Total non-fatal compensation outstanding		1,345,845 83
		<hr/> \$3,307,311 87
Total payments made		\$3,783,552 83
Total payments outstanding		2,376,059 48
		<hr/> \$6,159,612 31



TABLE III.—Frequency of Injuries, by Industry and Extent of Disability, July 1, 1933, to June 30, 1934

INDUSTRIES	NUMBER OF TABULATABLE INJURIES													
	Total Deaths	Per- manent Disa- bilities	Per- manent Partial Disa- bilities	TEMPORARY DISABILITIES										
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	Total
<b>Agriculture, Forestry and Animal Husbandry.</b>														
Agriculture	436	3	—	53	78	44	62	38	83	36	20	8	3	425
Forestry	256	2	—	23	50	24	39	26	48	20	12	5	3	250
Animal Husbandry	75	—	—	19	9	6	11	5	13	5	3	1	—	72
Ice Harvesting	41	—	—	7	9	10	2	—	7	3	2	1	—	41
Ice Harvesting	64	1	—	4	10	4	10	7	15	8	3	1	—	62
<b>Extraction of Minerals.</b>														
Quarrying	65	2	—	7	12	8	4	7	15	3	2	1	1	60
Quarrying	65	2	—	7	12	8	4	7	15	3	2	1	1	60
<b>Building Trades.</b>														
Carpenters	2,067	15	—	247	327	214	256	204	423	176	81	65	29	2,022
Electricians	350	6	—	32	61	39	35	33	80	25	16	13	3	337
Masons	106	—	—	18	23	10	12	6	22	10	2	1	2	106
Plumbers	159	2	—	19	18	19	21	17	28	15	7	8	3	155
Painters	205	1	—	35	34	25	24	29	26	12	10	5	2	202
Painters	96	—	—	7	10	11	10	5	22	10	6	2	—	93
All other.	1,151	6	—	136	181	110	154	114	245	104	36	32	17	1,129
<b>Chemical and Allied Products.</b>														
Fertilizers	366	4	2	49	74	46	39	35	60	31	10	8	1	353
Paints, varnish and japanning	27	—	—	4	4	2	4	5	6	—	—	1	—	26
Powder, cartridges, fireworks, etc., makers	36	1	—	6	8	3	4	2	7	3	1	1	—	34
Soap makers	22	—	—	8	12	10	5	5	1	5	1	1	—	21
Other chemical workers	57	1	—	23	48	27	27	19	38	21	8	5	1	55
Other chemical workers	224	3	—	23	48	27	27	19	38	21	8	5	1	217
<b>Clay, Glass and Stone Products.</b>														
Brickmakers	196	5	—	21	32	25	18	22	36	14	8	3	5	184
Potteries	33	—	—	4	6	2	4	5	7	2	2	2	—	32
Tile makers	8	—	—	1	2	1	1	1	1	—	1	—	—	8
Glass makers and workers	3	—	—	1	—	1	—	—	1	—	—	—	—	3
Lime, cement and gypsum	33	1	—	5	3	8	4	4	4	2	1	—	—	30
Marble and stone cutters	42	—	—	4	8	5	5	6	3	4	2	1	1	40
Mica and isinglass	68	4	—	6	12	7	3	5	18	4	3	—	—	62
Mica and isinglass	9	—	—	—	1	1	1	1	2	2	1	—	—	9
<b>Clothing</b>														
Clothing makers	369	2	—	52	77	44	57	33	52	27	10	6	3	361
Corset makers	283	2	—	36	55	33	47	26	48	21	6	4	1	277
Hat makers, wool or felt	7	—	—	2	2	2	1	5	2	—	—	—	—	7
Shirt, collar and cuff makers	48	—	—	8	12	7	3	2	2	4	3	2	1	47
Shirt, collar and cuff makers	31	—	—	6	8	2	6	2	2	2	1	—	—	30

**Food and Kindred Products.**

Bakeries . . . . .	1,770	6	-	32	300	374	227	207	158	279	120	44	20	3	1,732
Butter and cheese makers . . . . .	472	1	-	10	62	81	53	62	48	88	44	12	9	2	461
Candy and confectionery . . . . .	45	2	-	5	7	8	7	3	4	7	3	5	-	-	44
Fish curers and packers . . . . .	234	1	-	-	34	40	19	23	21	45	33	10	2	-	227
Flour and grain mills . . . . .	109	1	-	-	27	23	12	16	13	10	5	2	-	-	108
Fruit and vegetable canners . . . . .	5	-	-	-	4	1	2	2	3	3	-	1	-	-	5
Slaughter and packing houses . . . . .	16	1	-	1	4	1	2	2	3	3	-	-	-	-	15
Sugar makers and refiners . . . . .	607	1	-	8	110	172	99	68	45	74	19	9	2	1	598
Other food preparers . . . . .	60	1	-	2	12	15	9	3	3	9	4	4	2	1	58
	222	1	-	5	44	33	26	28	21	42	12	5	5	-	216

**Iron and Steel and Their Products.**

Agricultural implements . . . . .	2,834	14	1	134	331	559	350	338	237	512	206	87	42	23	2,685
Automobile factories . . . . .	4	-	-	-	-	-	1	-	-	-	-	1	2	-	4
Car and railroad shops . . . . .	275	-	-	10	38	53	23	38	29	54	14	7	8	1	265
Foundries and metal working, tools . . . . .	11	5	1	-	-	1	-	2	2	4	2	-	-	-	11
Ship and boat building . . . . .	1,045	1	-	45	115	232	141	130	87	184	66	22	11	6	994
Wagons and carriages . . . . .	113	1	-	3	14	17	20	14	9	22	9	2	2	-	109
Other iron and steel workers . . . . .	5	8	-	76	164	255	164	153	109	247	115	55	19	16	5
	1,381	-	-	-	-	-	-	-	-	-	-	-	-	-	1,297

**Leather and Its Finished Products.**

Leather belt, leather case and pocket-book makers . . . . .	2,414	5	-	65	289	500	329	320	212	436	150	62	38	8	2,344
Shoes . . . . .	68	-	-	1	9	13	18	5	5	10	5	2	-	-	67
Tanneries . . . . .	1,320	3	-	41	167	254	165	180	119	243	82	36	25	5	1,276
Trunk makers . . . . .	1,016	2	-	23	113	231	145	132	88	180	63	23	13	3	991
	10	-	-	-	-	2	1	3	-	3	-	1	-	-	10

**Liquors and Beverages.**

Breweries . . . . .	206	1	-	3	21	40	23	31	21	36	16	11	2	1	202
Distilleries . . . . .	100	1	-	1	11	20	7	13	6	24	10	5	2	1	98
Other liquor and beverage workers . . . . .	15	-	-	-	2	4	1	1	2	1	2	1	-	-	15
	91	-	-	2	8	16	15	17	13	11	4	5	-	-	89

**Lumber and Its Re-manufacture.**

Box makers (wood) . . . . .	876	5	1	65	85	147	107	114	92	169	56	27	7	1	805
Furniture . . . . .	123	1	-	9	14	27	17	16	11	21	6	1	-	-	113
Pianos and organs . . . . .	305	-	-	21	28	54	36	38	29	55	26	13	4	-	283
Saw and planing mills . . . . .	20	1	-	3	1	2	5	1	-	4	-	3	1	-	17
Wood heels . . . . .	99	1	-	5	11	11	8	15	16	25	5	2	-	-	93
Other wood workers . . . . .	28	3	-	1	3	2	5	4	2	8	1	1	-	1	27
	301	-	-	26	28	51	36	40	34	56	18	7	2	-	272

**Metals and Metal Products Other than Iron and Steel.**

Brass mills . . . . .	411	3	-	22	53	88	40	48	39	61	28	17	9	3	386
Clock factories . . . . .	33	1	-	-	2	4	9	5	1	8	2	1	-	-	32
Copper factories . . . . .	10	-	-	1	3	4	-	-	-	2	-	-	-	-	9
Gold and silver factories . . . . .	43	-	-	2	5	9	2	4	7	7	4	1	1	1	41
Jewelry factories . . . . .	54	-	-	5	5	8	6	7	5	12	3	3	-	-	49
Lead and zinc factories . . . . .	62	2	-	3	11	17	9	5	4	6	3	2	2	-	57
Tin plate factories . . . . .	40	-	-	-	11	10	4	4	2	3	1	1	1	1	40
Watch factories . . . . .	33	-	-	3	3	6	1	5	6	2	3	5	1	1	30
Copper and brass factories . . . . .	31	-	-	3	3	9	2	4	1	5	1	-	2	1	28
Other metal workers . . . . .	50	-	-	1	2	10	4	5	7	7	8	5	2	-	49
	55	-	-	4	8	11	3	8	6	9	1	3	2	-	51

TABLE III.—*Frequency of Injuries, by Industry and Extent of Disability, etc.—Concluded*

INDUSTRIES	NUMBER OF TABULATABLE INJURIES													
	Total Deaths	Per- manent Total Disa- bilities	Per- manent Partial Disa- bilities	TEMPORARY DISABILITIES										
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	Total
<b>Paper.</b>														
Box makers (paper)	1,100	8	—	34	107	209	141	157	108	199	88	35	11	3 1,058
Makers of blank books, envelopes, tags and labels, bags	187	2	—	4	21	32	20	20	19	45	14	8	2	— 181
Paper and pulp mills	109	—	—	8	12	17	10	18	9	23	7	4	1	— 101
Pulp mills	481	5	—	16	49	107	64	64	46	72	35	15	5	3 460
Other paper goods	10	—	—	—	—	—	22	—	3	4	1	—	—	— 10
	313	1	—	6	25	53	45	55	31	55	31	8	3	— 306
<b>Printing and Bookbinding.</b>														
Printing and publishing establishments	535	3	—	17	85	111	51	56	48	102	42	16	3	1 515
	535	3	—	17	85	111	51	56	48	102	42	16	3	1 515
<b>Textiles.</b>														
Carpet mills	3,583	13	1	126	384	719	417	455	305	627	325	128	55	28 3,443
Cotton mills	90	—	5	—	9	13	13	13	5	18	8	5	—	— 1 85
Dyeing and finishing textiles	1,238	8	1	36	99	253	137	167	110	220	135	43	20	9 1,193
Hemp and jute mills	301	2	—	12	39	59	44	40	26	45	19	11	3	1 287
Knitting mills	31	—	—	—	3	14	2	4	1	3	1	—	—	— 29
Lace and embroidery makers	151	—	1	—	31	28	25	20	9	22	10	1	4	— 150
Linen mills	26	—	—	—	—	—	—	—	—	—	—	—	—	— 1
Print works	129	1	—	6	2	5	2	6	3	5	1	1	—	— 25
Rope and cordage factories, twine	28	—	—	—	12	29	9	14	13	20	16	6	3	— 122
Sail, awning and tent makers	2	—	—	—	2	3	1	4	5	2	6	2	—	— 23
Silk mills	125	—	—	—	22	22	11	12	9	18	16	—	—	— 7
Woolen and worsted mills	1,129	2	—	45	124	218	135	135	98	221	93	33	14	11 1,082
Not specified textile workers	328	—	—	10	39	73	37	40	26	50	20	22	7	4 318
<b>Miscellaneous Industries</b>														
Broom and brush makers	2,531	24	1	98	327	522	328	293	204	436	181	74	29	14 2,408
Button makers	25	1	—	2	3	7	1	4	2	2	2	1	—	— 22
Charcoal and coke burners	6	—	—	—	—	2	2	1	—	1	—	—	—	— 6
Cigars	4	2	—	—	—	1	—	—	1	—	—	—	—	— 2
Electric light and power companies	9	—	—	—	—	—	—	—	—	—	—	—	—	— 9
Electrical supplies	241	5	—	5	43	53	37	23	19	28	17	6	4	1 231
Gas works	379	3	—	14	46	79	51	41	33	62	36	10	4	1 362
Gas works	220	3	—	2	34	54	46	18	19	32	9	1	5	1 215
Oil works	227	1	—	5	28	47	35	29	13	43	16	9	1	— 221
Rubber factories	639	1	—	28	59	130	82	83	53	112	52	25	8	6 610
Straw workers	9	—	—	—	1	2	1	2	1	8	—	—	—	— 8
Gas and electric companies	97	4	—	—	20	21	7	12	1	16	4	4	—	— 93
Turpentine distillers	1	—	—	—	—	—	—	—	—	—	—	—	—	— 1
Other miscellaneous industries and occupations	674	4	1	41	96	125	66	76	53	139	44	18	6	5 628

Water Transportation.	259	1	—	3	22	30	43	36	23	62	18	12	9	—	255
Water transportation . . . . .	259	1	—	3	22	30	43	36	23	62	18	12	9	—	255
Transportation, Road, Etc.	4,270	62	1	70	574	778	481	500	334	776	369	198	95	32	4,137
Road, street, bridge, construction of . .	2,207	31	1	41	255	372	203	238	163	445	214	136	67	21	2,134
Livery stables and garages . . . . .	434	—	—	6	70	74	75	62	29	62	33	15	5	3	428
Truck, transfer, hack and cab companies .	972	14	—	12	146	186	96	115	95	179	79	26	18	6	946
Street railways . . . . .	383	5	—	5	47	87	56	42	25	63	31	16	3	2	373
Steam railroads . . . . .	274	12	—	6	56	59	51	23	22	26	12	5	2	—	256
Express Companies.	249	1	—	—	35	62	43	36	17	31	16	6	2	—	248
Express companies . . . . .	249	1	—	—	35	62	43	36	17	31	16	6	2	—	248
Telephone and Telegraph.	147	—	—	—	18	35	30	16	13	18	12	4	—	1	147
Telephone and telegraph . . . . .	147	—	—	—	18	35	30	16	13	18	12	4	—	1	147
Air Transportation.	5	—	—	—	—	1	—	—	—	1	2	1	—	—	5
Air transportation . . . . .	5	—	—	—	—	1	—	—	—	1	2	1	—	—	5
Other Persons in Transportation.	201	2	—	5	18	28	17	23	20	47	16	11	12	2	194
Other persons in transportation . . . .	201	2	—	5	18	28	17	23	20	47	16	11	12	2	194
Trade.	7,199	37	2	78	1,073	1,397	918	960	666	1,198	508	211	111	40	7,082
Banking and brokerage . . . . .	120	1	—	2	19	22	18	16	3	23	10	4	2	—	117
Insurance . . . . .	151	4	—	—	34	35	17	11	15	15	13	4	1	—	145
Real estate . . . . .	356	7	—	4	49	52	38	42	26	72	32	16	13	5	345
Automobiles . . . . .	430	—	—	—	70	94	64	56	52	52	26	5	6	1	426
Clothing . . . . .	398	1	—	2	61	85	55	57	36	55	23	11	7	5	395
Gasoline filling stations . . . . .	223	2	—	3	24	43	37	29	21	49	10	1	3	1	218
Food . . . . .	2,691	7	—	27	414	559	343	395	264	397	185	64	29	7	2,657
Furniture . . . . .	187	1	1	2	30	31	29	22	11	33	19	6	2	—	183
All other wholesale and retail trade .	2,401	14	1	31	341	430	292	298	212	462	168	90	46	16	2,355
Elevators . . . . .	20	—	—	—	2	3	2	3	2	8	—	—	—	—	20
Stock yards . . . . .	1	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Warehouses and cold storage plants . .	150	—	—	—	18	34	17	18	17	22	14	6	2	2	150
Other persons in trade . . . . .	65	—	—	1	9	8	6	11	7	10	7	4	—	2	64
Clerical assistants, industry, business or profession not specified . . . . .	6	—	—	—	2	1	—	1	—	—	1	—	—	1	6
Professional Service.	781	4	—	7	146	164	129	67	65	115	39	26	16	3	770
Professional service . . . . .	781	4	—	7	146	164	129	67	65	115	39	26	16	3	770
Domestic and Personal Service.	2,347	11	—	33	359	417	322	343	192	366	163	87	39	15	2,303
Domestic and personal service . . . .	2,010	10	—	25	310	368	282	299	165	292	138	74	34	13	1,975
Laundry and laundry work . . . . .	337	1	—	8	49	49	40	44	27	74	25	13	5	2	328
Grand Total . . . . .	35,217	231	9	853	4,656	6,781	4,377	4,436	3,093	6,140	2,642	1,188	591	220	34,124

TABLE IV.—*Severity of Injuries, by Industry and Extent of Disability, July 1, 1933, to June 30, 1934*

INDUSTRIES	Total	Deaths	Per- manent Total Disa- bilities	NUMBER OF DAYS LOST												TEMPORARY DISABILITIES					Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
<b>Agriculture, Forestry and Animal Husbandry</b>	<b>43,047</b>	<b>18,000</b>	—	<b>10,200</b>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



Food and Kindred Products		103,253	36,000	—	22,800	757	2,098	2,587	3,778	3,972	10,925	8,481	5,686	4,894	1,275	44,453
Bakeries.		24,775	6,000	—	4,200	156	455	605	1,132	1,213	3,423	3,144	3,144	2,017	875	14,575
Butter and cheese makers		1,607	—	—	300	18	56	71	52	96	271	198	545	—	—	7,528
Candy and confectionery.		21,928	12,000	—	2,400	91	226	228	426	535	1,732	2,259	1,937	600	—	1,893
Fish curers and packers.		7,893	6,000	—	—	63	136	133	307	320	350	331	253	—	—	259
Flour and grain mills		259	—	—	—	—	5	—	41	—	53	—	160	—	—	279
Fruit and vegetable canners		579	6,000	—	300	12	4	23	38	73	129	—	1,398	400	—	10,554
Slaughter and packing houses		24,054	—	—	7,500	277	951	1,135	1,202	1,130	2,922	287	1,139	595	400	1,937
Sugar makers and refiners		4,337	6,000	—	2,400	30	83	97	54	67	344	884	603	1,282	—	6,121
Other food preparers		17,821	—	—	5,700	110	182	295	526	538	1,701	—	—	—	—	—
Iron and Steel and Their Products		274,953	84,000	6,000	98,100	828	3,103	4,060	6,139	5,974	19,745	14,567	11,312	10,894	10,231	86,853
Agricultural implements		659	—	—	—	—	—	10	—	—	—	—	124	525	—	659
Automobile factories		16,282	—	—	7,800	95	201	265	701	726	2,011	1,044	949	1,950	450	8,482
Car and railroad shops		393	—	—	—	—	4	—	38	52	147	152	—	—	—	393
Foundries and metal working, tools		94,269	30,000	6,000	30,600	288	1,275	1,651	2,362	2,184	6,980	4,687	2,846	2,660	2,736	27,669
Ship and boat building		12,766	6,000	—	3,600	35	103	229	255	226	864	608	297	549	—	3,166
Wagons and carriages		87	—	—	—	—	6	9	18	24	30	—	—	—	—	87
Other iron and steel workers		150,497	48,000	—	56,100	410	1,424	1,896	2,765	2,762	9,713	8,076	7,096	5,210	7,045	46,397
Leather and Its Finished Products		142,078	30,000	—	44,250	723	2,794	3,861	5,778	5,379	17,153	10,725	7,429	10,511	3,475	67,828
Leather belt, leather case and pocket-book makers		1,800	—	—	300	24	71	207	86	126	402	389	195	—	—	1,500
Shoes		82,208	18,000	—	25,500	409	1,427	1,918	3,282	3,004	9,509	5,818	4,340	6,921	2,100	38,708
Tanneries		57,704	12,000	—	18,450	290	1,283	1,723	2,379	2,249	7,114	4,518	2,733	3,390	1,375	27,254
Trunk makers.		366	—	—	—	—	13	13	51	—	128	—	161	—	—	366
Liquors and Beverages		15,749	6,000	—	2,850	49	218	248	590	541	1,489	1,152	1,612	550	450	6,899
Breweries		9,878	6,000	—	300	24	105	68	242	160	969	722	738	550	—	3,578
Distilleries		850	—	—	—	5	20	8	19	45	43	127	133	—	450	850
Other liquor and beverage workers		5,021	—	—	2,550	20	93	172	329	336	477	303	741	—	—	2,471
Lumber and Its Re-manufacture		101,395	30,000	6,000	42,650	222	822	1,257	2,075	2,338	6,558	3,921	3,111	1,975	400	22,745
Box makers (wood).		13,471	6,000	—	5,100	39	147	204	297	274	863	436	177	—	—	2,371
Furniture		29,770	—	—	15,050	73	298	424	682	759	2,037	1,834	1,538	1,075	—	8,720
Pianos and organs		2,127	—	—	1,200	2	10	59	20	—	164	—	372	300	—	927
Saw and planing mills		11,375	6,000	—	3,150	31	278	92	278	396	989	341	238	—	—	2,425
Wood heels		1,672	—	—	600	7	11	56	72	50	319	63	94	—	400	1,072
Other wood workers		42,780	18,000	—	17,550	70	296	422	726	859	2,186	1,247	824	600	—	7,230
Metal and Metal Products Other than Iron and Steel		43,918	18,000	—	12,900	137	497	458	886	961	2,299	2,064	2,167	2,374	1,175	13,018
Brass mills		6,802	6,000	—	—	5	23	106	86	26	325	128	103	—	—	802
Clock factories		394	—	—	300	9	21	—	64	—	64	—	—	—	—	94
Copper factories		2,731	—	—	1,050	14	54	25	78	169	276	272	93	325	375	1,681
Gold and silver factories		7,137	—	—	5,700	11	45	67	132	122	426	251	383	—	—	1,437
Jewelry factories		14,414	12,000	—	900	29	94	94	90	98	208	70	308	523	—	1,514
Lead and zinc factories		1,048	—	—	—	28	59	51	88	47	98	247	180	250	—	1,048
Tin plate factories		3,125	—	—	1,650	7	33	13	76	151	75	338	132	250	400	1,475
Watch factories		2,069	—	—	1,200	9	51	25	90	23	188	62	619	421	—	869
Copper and brass factories		2,918	—	—	600	5	57	50	97	174	290	626	619	—	400	2,318
Other metal workers		3,280	—	—	1,500	20	60	27	149	151	349	70	349	605	—	1,780



TABLE IV.—Severity of Injuries, by Industry and Extent of Disability, etc.—Concluded

INDUSTRIES	NUMBER OF DAYS LOST										TEMPORARY DISABILITIES				
	Total	Deaths	Per- manent Total Disa- bilities	Per- manent Partial Disa- bilities											Total
					1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	
<b>Paper</b>															
Box makers (paper).	107,271	48,000	—	28,500	269	1,140	1,630	2,842	2,747	7,900	6,166	4,069	2,583	1,425	30,771
Makers of blank books, envelopes, tags and labels, bags.	18,719	12,000	—	1,200	55	176	230	388	486	1,695	969	1,004	536	—	5,519
Paper and pulp mills.	6,880	—	—	3,900	29	100	117	313	230	942	501	504	244	—	2,980
Pulp mills.	64,538	30,000	—	21,300	124	569	725	1,144	1,172	2,872	2,467	1,627	1,113	1,425	13,238
Other paper goods.	16,794	6,000	—	2,100	61	295	—	1,017	785	2,225	2,151	934	690	—	8,694
<b>Printing and Bookbinding</b>															
Printing and publishing establishments	47,105	18,000	—	15,150	210	588	602	1,040	1,219	4,129	3,064	1,924	729	450	13,955
	47,105	18,000	—	15,150	210	588	602	1,040	1,219	4,129	3,064	1,924	729	450	13,955
<b>Textiles</b>															
Carpet mills.	299,898	78,000	6,000	99,200	969	4,049	4,899	8,411	7,989	24,784	23,413	15,780	14,410	12,004	116,698
Cotton mills.	121,502	48,000	—	4,650	21	70	147	286	127	761	568	599	—	400	2,929
Dyeing and finishing textiles.	34,576	12,000	—	14,550	97	337	512	752	3,002	8,637	9,780	5,444	5,035	3,375	42,152
Hemp and jute mills.	2,271	—	—	1,650	6	81	23	72	26	122	1,414	1,320	693	475	8,026
Knitting mills.	4,417	—	—	600	76	153	284	367	231	857	717	157	220	—	3,817
Lace and embroidery makers.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Linen mills.	941	—	—	300	4	27	23	103	72	188	70	145	—	—	7
Print works.	14,116	6,000	—	3,600	27	163	106	264	336	832	1,162	651	975	—	4,516
Rope and cordage factories, twine.	2,926	—	—	2,000	5	21	13	70	124	106	405	202	—	—	926
Sail, awning and tent makers.	427	—	—	300	5	7	9	221	—	86	—	—	—	—	327
Silk mills.	12,838	—	—	7,950	53	127	119	221	227	711	1,166	512	977	775	4,888
Woolen and worsted mills.	76,510	12,000	—	28,650	318	1,201	1,588	2,443	2,519	8,818	6,624	4,176	3,648	4,525	35,860
Not specified textile workers.	21,788	—	—	9,600	101	408	446	826	657	1,908	1,427	2,574	1,887	1,954	12,188
<b>Miscellaneous Industries</b>															
Broom and brush makers.	303,249	144,000	6,000	81,900	828	2,918	3,742	5,264	5,123	17,502	12,830	9,349	7,460	6,333	71,349
Button makers.	7,157	6,000	—	600	8	40	9	72	50	98	130	150	—	—	557
Charcoal and coke burners.	12,032	12,000	—	—	—	14	22	19	—	32	—	—	—	—	87
Cigars.	212	—	—	—	3	7	—	80	28	35	63	—	—	—	32
Electric light and power companies.	47,345	30,000	—	11,250	112	298	407	402	480	1,129	1,179	716	922	450	6,095
Electrical supplies.	35,910	18,000	—	7,650	111	439	569	735	841	2,637	2,605	1,323	1,000	—	10,260
Gas works.	26,479	18,000	—	3,000	82	291	542	320	472	1,215	641	1,04	1,337	475	5,479
Oil works.	15,128	6,000	—	3,300	66	264	411	526	324	1,752	1,126	1,034	325	—	5,828
Rubber factories.	53,838	6,000	—	26,550	150	751	959	1,485	1,319	4,631	3,723	3,112	2,100	2,758	20,988
Straw workers.	685	—	—	300	2	11	10	37	25	—	—	—	300	—	35
Turpentine distillers.	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gas and electric companies.	26,612	34,000	—	—	48	109	70	213	206	627	297	592	—	450	2,612
Other miscellaneous industries and oc- cupations.	77,740	24,000	6,000	28,950	246	690	743	1,375	1,330	5,346	3,066	2,318	1,476	2,200	18,790

Water Transportation	16,840	6,000	—	1,500	54	179	536	686	574	2,453	1,298	1,473	2,087	—	9,340
Water transportation	16,840	6,000	—	1,500	54	179	536	686	574	2,453	1,298	1,473	2,087	—	9,340
Transportation, Road, etc.	605,703	372,000	6,000	78,750	1,450	4,377	5,519	9,165	8,460	30,555	26,493	24,612	24,447	13,875	148,953
Road, street, bridge, construction of.	321,389	186,000	6,000	38,550	655	2,128	2,367	4,747	4,179	17,746	15,448	16,951	17,493	9,125	90,839
Livery stables and garages	16,049	—	—	3,600	175	412	836	1,116	728	2,431	2,282	1,803	1,291	1,375	12,449
Truck, transfer, hack and cab companies	126,306	84,000	—	12,600	365	1,023	1,080	2,094	2,386	6,936	5,700	2,053	4,394	2,475	29,706
Street railways	47,041	30,000	—	6,000	117	466	624	759	627	2,460	2,236	2,058	794	900	11,041
Steam railroads	94,918	72,000	—	18,000	138	348	612	449	540	982	827	547	475	—	4,918
Express Companies	11,578	6,000	—	—	94	337	486	666	439	1,177	1,119	760	500	—	5,578
Express companies	11,578	6,000	—	—	94	337	486	666	439	1,177	1,119	760	500	—	5,578
Telephone and Telegraph	3,633	—	—	—	49	199	339	289	336	665	940	441	—	375	3,633
Telephone and telegraph.	3,633	—	—	—	49	199	339	289	336	665	940	441	—	375	3,633
Air Transportation	325	—	—	—	—	7	—	—	—	29	150	139	—	—	325
Air transportation	325	—	—	—	—	7	—	—	—	29	150	139	—	—	325
Other Persons in Transportation	25,489	12,000	—	3,600	46	159	194	435	483	1,904	1,219	1,495	3,054	900	9,889
Other persons in transportation	25,489	12,000	—	3,600	46	159	194	435	483	1,904	1,219	1,495	3,054	900	9,889
Trade	522,744	222,000	12,000	77,400	2,688	7,819	10,645	17,365	16,768	47,517	36,163	26,442	29,012	16,925	211,344
Banking and brokerage	11,803	6,000	—	2,550	49	129	200	289	78	935	645	453	475	—	3,253
Insurance	29,428	24,000	—	2,100	87	184	196	199	378	599	928	507	250	—	3,328
Real estate	62,021	42,000	—	5,100	116	301	454	773	660	2,799	2,275	1,986	3,532	2,025	14,921
Automobiles	12,865	—	—	2,700	177	523	745	997	1,313	2,078	1,808	1,659	1,465	400	10,165
Clothing	19,517	6,000	—	1,050	154	464	622	1,046	917	1,977	1,596	1,323	2,023	2,125	12,467
Gasoline filling stations	22,974	12,000	—	5,400	55	234	407	523	521	1,937	755	1,011	641	400	5,574
Food	133,097	42,000	—	22,200	1,045	3,099	3,952	7,131	6,658	15,474	13,284	7,786	7,514	2,976	68,897
Furniture	49,653	6,000	6,000	2,400	78	187	344	389	279	1,334	1,369	735	538	—	3,253
All other wholesale and retail trade	202,148	84,000	6,000	33,600	844	2,440	3,431	5,408	5,302	18,558	11,958	11,633	12,049	6,925	78,548
Elevators	435	—	—	—	6	16	22	50	52	289	—	—	—	—	435
Stock yards	20	—	—	—	—	—	—	—	—	—	—	—	—	—	20
Warehouses and cold storage plants	5,237	—	—	—	46	189	200	321	431	913	1,025	762	525	825	5,237
Other persons in trade	3,052	—	—	300	26	46	72	202	179	404	476	497	—	850	2,752
Clerical assistants, industry, business or profession not specified	494	—	—	—	—	7	—	17	—	—	64	—	—	400	494
Professional Service	50,656	24,000	—	4,800	362	911	1,436	1,205	1,642	4,617	2,767	3,392	4,149	1,375	21,856
Professional service.	50,656	24,000	—	4,800	362	911	1,436	1,205	1,642	4,617	2,767	3,392	4,149	1,375	21,856
Domestic and Personal Service	172,704	66,000	—	34,050	892	2,407	3,713	6,220	4,880	14,903	11,557	11,038	10,480	6,564	72,654
Occupations not in industries	148,978	60,000	—	27,300	776	2,128	3,254	5,428	4,189	11,943	9,867	9,209	9,245	5,639	61,678
Laundry and laundry work	23,726	6,000	—	6,750	116	279	459	792	691	2,960	1,690	1,829	1,235	925	10,976
Grand Total	3,236,938	1,386,000	54,000	707,200	11,695	38,042	50,650	80,958	78,808	242,614	188,543	148,934	153,874	95,620	1,089,738

TABLE V.—Sex and Age of Injured in Total Tabulatable Injuries, July 1, 1933, to June 30, 1934

ACTUAL AGE	TOTAL MALES				TOTAL FEMALES						
	Total Cases	Total	Deaths	Per- manent Disa- bilities	Per- manent Partial Disa- bilities	Tem- porary Total Disa- bilities	Total	Deaths	Per- manent Disa- bilities	Per- manent Partial Disa- bilities	Tem- porary Total Disa- bilities
Under											
10	2	2	—	—	—	2	—	—	—	—	—
11	2	2	—	—	—	2	—	—	—	—	—
12	1	1	—	—	—	1	—	—	—	—	—
13	3	3	—	—	—	3	—	—	—	—	—
14	6	6	—	—	—	6	—	—	—	—	—
15	10	10	1	—	—	9	—	—	—	—	—
16	23	19	1	—	2	17	4	—	—	—	4
17	163	128	1	—	—	127	35	—	—	—	31
18	360	267	1	—	3	264	93	—	—	4	86
19	733	554	1	—	19	534	179	—	—	3	176
20	859	663	1	—	16	646	196	—	—	1	195
21	1,011	818	2	—	18	798	193	—	—	4	189
22	1,242	1,044	2	—	20	1,022	198	—	—	1	177
23	1,144	965	2	—	13	950	179	—	—	2	177
24	1,196	1,044	6	—	17	1,021	152	—	—	3	149
25	1,051	925	1	—	13	911	126	—	—	5	121
26	1,361	1,199	4	—	20	1,175	162	—	—	5	157
27	1,029	911	4	—	15	892	118	—	—	3	115
28	1,012	909	3	—	16	890	103	—	—	2	101
29	1,063	952	6	—	20	926	111	—	—	2	109
30	907	823	3	—	19	800	84	—	—	3	81
31	1,281	1,164	7	—	27	1,130	117	—	—	3	114
32	763	708	4	—	15	689	55	—	—	1	54
33	909	458	5	—	14	438	451	—	—	1	450
34	857	793	4	—	13	776	64	—	—	1	83
35	746	697	5	—	20	672	49	—	—	1	48
36	1,187	1,049	3	—	28	1,018	138	—	—	4	134
37	716	651	3	—	12	636	65	—	—	—	65
38	742	677	6	—	13	658	65	1	—	—	63
39	904	882	2	—	20	882	67	—	—	1	66
40	766	695	3	—	18	674	71	—	—	2	69
41	1,278	1,140	11	—	31	1,098	138	—	—	—	138
42	556	505	3	—	15	487	51	—	—	—	51
43	786	705	8	—	17	680	81	—	—	—	81
44	687	631	2	—	10	618	56	—	—	1	55
45	594	541	2	—	14	525	53	—	—	1	52
46	1,037	918	7	—	27	884	119	—	—	1	118

46	544	508	3	12	493	36	1	35
47	550	501	4	17	480	49	1	47
48	619	569	9	13	547	50	1	49
49	504	463	5	16	442	41	1	40
50	816	731	6	24	701	85	1	84
51	355	335	6	10	319	20	1	19
52	477	449	8	14	427	28	1	27
53	381	359	6	8	345	22	1	22
54	357	337	5	14	317	20	1	16
55	502	468	5	8	455	34	1	33
56	300	278	3	14	261	22	1	20
57	233	233	7	11	214	16	1	16
58	249	280	4	5	271	18	1	17
59	257	246	3	11	232	11	1	11
60	404	366	6	17	343	38	1	37
61	151	143	3	9	131	8	1	8
62	233	227	3	9	215	6	1	5
63	184	175	4	8	163	9	1	9
64	129	122	1	2	118	7	1	7
65	222	215	5	10	199	7	1	7
66	96	94	1	3	90	2	1	2
67	96	95	5	9	81	1	1	1
68	91	91	3	5	83	1	1	1
69	68	68	2	6	59	2	1	2
70	79	77	2	5	69	2	1	1
71	47	45	4	2	39	2	1	1
72	35	35	1	2	32	2	1	1
73	29	29	1	2	27	1	1	1
74	19	19	1	2	17	1	1	1
75	17	16	1	1	15	1	1	1
76	12	12	1	1	12	1	1	1
77	13	13	1	1	12	1	1	1
78	8	8	1	1	7	1	1	1
79	3	3	1	1	3	1	1	1
80	5	5	1	1	5	1	1	1
Over 80.	11	10	1	1	9	1	1	1
Grand Total.	35,217	31,106	227	9	776	4,111	77	4,030

TABLE VI.—Total Tabulatable Injuries, by Industries and Wage Groups, July 1, 1933, to June 30, 1934

INDUSTRIES	NUMBER OF TABULATABLE INJURIES														
	Under \$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	
<b>Agriculture, Forestry and Animal Husbandry</b>															
Agriculture . . . . .	35	12	4	42	15	11	35	19	8	53	16	32	29	24	
Forestry . . . . .	28	8	2	35	12	7	27	10	5	37	8	11	13	7	
Animal husbandry . . . . .	2	2	1	4	2	2	3	2	—	6	4	8	6	2	
Ice harvesting . . . . .	2	1	1	3	—	1	2	7	3	1	3	5	1	5	
Quarrying . . . . .	3	1	—	—	1	1	3	7	—	9	1	8	9	10	
<b>Extraction of Minerals</b>															
Quarrying . . . . .	3	—	—	1	—	2	9	7	2	7	5	10	3	1	
Building Trades	3	—	—	1	—	2	9	7	2	7	5	10	3	1	
Carpenters . . . . .	44	23	19	44	59	51	140	108	36	136	81	149	55	88	
Electricians . . . . .	4	2	2	5	6	2	18	12	8	15	5	24	7	18	
Masons . . . . .	2	1	3	3	1	1	2	1	1	5	3	6	—	7	
Plumbers . . . . .	6	1	3	3	3	3	8	8	2	6	2	15	4	2	
Painters . . . . .	1	3	2	3	3	3	8	8	2	4	5	14	—	12	
All other . . . . .	2	—	12	1	—	3	3	—	1	2	1	9	2	6	
<b>Chemical and Allied Products</b>															
Fertilizers . . . . .	29	15	4	28	49	40	101	79	22	104	65	81	42	43	
Paints, varnish and japanning . . . . .	3	7	4	15	12	34	24	30	19	51	15	30	5	15	
Powder, cartridges, fireworks, etc., makers . . . . .	—	—	—	—	1	12	1	3	—	3	2	—	—	1	
Soap makers . . . . .	—	1	—	1	1	1	1	7	—	4	2	7	1	3	
Other chemical workers . . . . .	1	1	1	2	3	6	5	3	4	9	1	3	—	1	
Clay, Glass and Stone Products	1	5	3	11	5	14	14	16	15	33	10	20	4	9	
Brickmakers . . . . .	10	4	4	7	4	9	17	25	3	17	6	15	7	6	
Potters . . . . .	6	2	1	1	1	1	2	1	3	3	3	5	2	1	
Tile makers . . . . .	—	—	1	—	—	—	1	1	2	1	—	1	—	—	
Glass makers . . . . .	—	—	—	3	—	2	2	1	—	—	—	—	—	—	
Lime, cement and gypsum . . . . .	2	1	2	2	1	4	3	8	1	6	1	3	—	2	
Marble and stone cutters . . . . .	1	—	—	1	2	2	8	13	—	4	2	3	3	3	
Mica and isinglass . . . . .	1	—	—	—	—	—	1	—	—	1	—	2	2	—	
<b>Clothing</b>															
Clothing makers . . . . .	47	19	10	36	43	25	38	13	11	14	6	26	5	4	
Corset makers . . . . .	40	12	8	26	31	24	30	10	8	7	5	16	2	1	
Hat makers, wool or felt . . . . .	—	—	1	1	—	1	—	1	—	1	—	2	—	—	
Shirt, collar and cuff makers . . . . .	2	3	1	4	4	—	3	2	2	4	1	8	3	1	
<b>Food and Kindred Products</b>															
Bakeries, bread and other bakery products . . . . .	43	39	26	49	98	98	115	85	137	172	63	158	69	96	
Butter and cheese makers . . . . .	11	11	6	13	19	23	32	20	21	52	7	33	13	23	
Candy and confectionery . . . . .	—	1	—	7	—	2	7	—	1	1	2	—	2	3	
	11	15	7	9	55	25	20	5	11	14	6	18	4	5	



Fish curers and packers.	.	.	.	.	.	8	5	4	6	6	7	6	9	2	17	-	10	-	2
Flour and grain mills	.	.	.	.	.	-	-	-	-	-	-	-	-	-	1	-	1	-	-
Fruit and vegetable canners.	.	.	.	.	.	5	3	4	5	3	29	31	41	91	61	31	76	33	37
Slaughter and packing houses.	.	.	.	.	.	4	3	3	2	-	2	3	3	4	5	8	10	3	1
Sugar makers and refiners	.	.	.	.	.	4	4	2	9	15	7	15	6	7	20	9	10	13	25
Other food preparers	.	.	.	.	.	4	4	2	9	15	7	15	6	7	20	9	10	13	25
<b>Iron and Steel and Their Products</b>																			
Agricultural implements.	.	.	.	.	.	114	50	50	134	90	163	152	268	123	208	117	245	104	150
Automobile factories	.	.	.	.	.	6	-	-	5	2	5	5	5	3	9	3	44	3	27
Car and railroad shops	.	.	.	.	.	-	1	-	2	-	1	-	-	-	-	-	-	-	-
Foundries and metal working, tools.	.	.	.	.	.	54	20	23	46	29	66	57	103	53	90	49	91	38	42
Ship and boat building.	.	.	.	.	.	1	3	1	2	3	2	5	9	3	8	8	7	6	8
Wagons and carriages	.	.	.	.	.	53	26	25	79	56	89	85	150	64	100	54	102	56	73
Other iron and steel workers	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Leather and Its Finished Products</b>																			
Leather belt, leather case, pocket-book makers.	.	.	.	.	.	141	78	59	148	74	158	184	127	104	181	101	198	111	143
Shoes	.	.	.	.	.	6	1	1	5	6	6	8	6	3	4	1	8	1	2
Tanneries	.	.	.	.	.	117	67	39	120	54	108	123	76	54	82	37	93	27	51
Trunk makers	.	.	.	.	.	17	10	19	22	12	43	51	45	47	95	63	97	82	89
	.	.	.	.	.	1	-	-	1	2	1	2	-	-	-	-	-	1	1
<b>Liquor and Beverages</b>																			
Breweries	.	.	.	.	.	6	1	1	6	1	4	11	4	3	10	5	10	4	8
Distilleries	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other liquor and beverage workers.	.	.	.	.	.	6	-	1	6	-	4	10	2	3	8	1	2	3	1
<b>Lumber and Its Re-manufacture</b>																			
Box makers (wood)	.	.	.	.	.	53	42	33	111	58	56	76	77	36	73	21	33	11	18
Furniture	.	.	.	.	.	6	16	11	23	11	5	12	16	9	7	3	5	1	2
Pianos and organs	.	.	.	.	.	2	2	2	10	5	7	13	6	2	1	1	1	1	1
Saw and planing mills	.	.	.	.	.	5	5	2	10	5	7	13	6	4	14	1	1	1	3
Wood heels	.	.	.	.	.	5	2	1	2	2	2	1	2	-	-	1	1	-	-
Other wood workers	.	.	.	.	.	21	11	18	48	12	21	24	26	12	20	9	12	3	5
<b>Metal and Metal Products Other than Iron and Steel</b>																			
Brass mills	.	.	.	.	.	15	17	14	19	31	26	21	45	23	23	17	28	12	13
Clock factories	.	.	.	.	.	1	1	1	1	1	-	2	9	2	1	2	1	3	-
Copper factories	.	.	.	.	.	1	1	1	1	2	4	1	1	1	-	-	-	-	-
Gold and silver factories	.	.	.	.	.	1	5	1	5	1	2	3	6	2	2	1	5	3	5
Jewelry factories	.	.	.	.	.	2	1	1	1	14	6	5	4	2	3	4	4	-	-
Lead and zinc factories	.	.	.	.	.	2	1	1	1	1	2	4	4	1	7	2	2	1	1
Tin plate factories	.	.	.	.	.	2	1	1	3	3	3	1	2	3	2	1	3	1	1
Watch factories	.	.	.	.	.	5	2	5	4	4	3	3	2	3	2	1	1	1	2
Copper and brass	.	.	.	.	.	1	1	1	-	3	4	3	9	6	4	3	7	1	-
Other metal workers	.	.	.	.	.	3	4	3	4	6	1	1	6	3	2	3	4	1	1
<b>Paper</b>																			
Box makers (paper)	.	.	.	.	.	54	36	31	73	75	80	71	109	63	64	43	72	40	33
Makers of blank books, envelopes, tags, labels, paper bags.	.	.	.	.	.	17	10	6	8	24	17	9	25	9	7	5	12	5	3
Paper and pulp mills	.	.	.	.	.	3	2	2	10	7	8	8	4	6	3	4	8	8	4
Pulp mills	.	.	.	.	.	23	19	17	35	28	33	42	36	32	31	16	26	18	9
Other paper goods.	.	.	.	.	.	-	1	3	2	1	1	-	1	1	-	-	-	-	-
	.	.	.	.	.	11	4	3	18	15	21	12	43	15	23	18	26	9	17



TABLE VI.—Total Tabulatable Injuries, by Industries and Wage Groups, etc.—Continued

INDUSTRIES	NUMBER OF TABULATABLE INJURIES														
	Under \$10	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	
<b>Printing and Bookbinding</b>															
Printing and publishing establishments . . . . .	51	12	4	22	7	24	25	17	9	16	12	24	12	15	
	51	12	4	22	7	24	25	17	9	16	12	24	12	15	
<b>Textiles</b>															
Carpet mills . . . . .	232	151	168	234	424	434	363	306	191	199	111	130	97	69	
Cotton mills . . . . .	5	5	1	6	9	17	5	9	3	5	3	5	2	4	
Dyeing and finishing textiles . . . . .	113	60	72	74	219	123	138	84	55	54	31	33	36	24	
Hemp and jute mills . . . . .	10	10	10	29	14	51	29	32	15	19	8	17	14	6	
Knitting mills . . . . .	1	2	6	10	2	2	10	8	3	3	3	1	2	—	
Lace and embroidery makers . . . . .	21	9	6	7	18	19	10	8	5	4	3	5	2	—	
Linen mills . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Print works . . . . .	—	—	—	—	11	1	1	—	5	2	3	—	—	1	
Rope and cordage factories, twine . . . . .	—	2	1	1	4	29	26	22	6	6	2	5	2	1	
Sail, awning and tent makers . . . . .	4	1	1	2	4	2	3	—	3	—	1	2	2	—	
Silk mills . . . . .	—	—	—	—	—	1	—	—	—	—	—	—	—	—	
Silk mills . . . . .	12	4	5	9	18	12	12	3	5	6	9	5	2	6	
Woolen mills, worsted mills . . . . .	53	48	53	82	85	137	101	114	64	81	41	44	27	22	
Not specified textile workers . . . . .	13	10	13	14	42	40	38	34	27	19	10	13	10	4	
<b>Miscellaneous Industries</b>															
Broom and brush makers . . . . .	82	45	59	115	106	158	139	132	88	188	105	167	115	124	
Button makers . . . . .	1	2	2	—	2	7	1	1	1	1	—	—	1	1	
Charcoal and coke burners . . . . .	2	1	2	—	—	—	1	—	—	1	—	—	—	—	
Cigars and cigarettes . . . . .	1	—	—	—	—	2	1	1	—	1	—	—	—	—	
Electric light and power companies . . . . .	2	—	2	1	5	2	3	5	4	12	7	9	9	16	
Electrical supplies, machinery, apparatus . . . . .	8	9	17	37	20	24	25	13	9	32	18	26	16	19	
Gas works . . . . .	—	—	—	1	1	4	1	4	3	6	14	8	15	12	
Gas works . . . . .	—	1	—	1	—	—	3	3	3	26	6	17	15	21	
Oil works . . . . .	—	—	—	—	—	—	4	3	4	3	6	17	15	21	
Rubber factories . . . . .	27	20	23	26	36	58	48	59	35	58	30	55	34	32	
Straw factories . . . . .	—	—	1	1	—	1	2	1	—	—	—	—	1	—	
Gas and electric companies . . . . .	—	—	1	1	—	3	2	2	—	3	2	5	1	3	
Turpentine distillers . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other miscellaneous industries . . . . .	41	12	14	47	42	57	52	43	33	48	28	46	23	20	
<b>Water Transportation</b>															
Water transportation . . . . .	16	2	—	8	3	1	13	8	5	11	3	11	16	78	
	16	2	—	8	3	1	13	8	5	11	3	11	16	78	
<b>Road, Street and Bridge Transportation</b>															
Construction of roads, streets, etc. . . . .	117	104	27	106	82	77	201	166	65	301	173	227	157	134	
Livery stables and garages . . . . .	74	87	20	87	74	42	126	121	35	130	131	77	101	48	
Truck, transfer, cab and hack companies . . . . .	5	5	—	3	3	13	39	9	12	44	8	48	15	25	
Street railways . . . . .	32	10	5	12	5	14	31	21	10	115	18	84	33	50	
Steam railroads . . . . .	2	—	1	—	—	5	2	5	3	3	8	6	4	10	
	4	2	1	4	—	3	3	10	5	9	8	12	4	1	

Express companies	4	2	2	-	-	1	7	2	-	5	8	8	2	2
Express companies	4	2	2	-	-	1	7	2	-	5	8	8	2	2
Telephone and Telegraph	37	6	1	3	2	2	4	7	1	12	7	5	2	2
Telephone and Telegraph	37	6	1	3	2	2	4	7	1	12	7	5	2	2
Air transportation.	2	-	-	-	-	-	1	-	-	-	1	-	-	-
Air transportation	2	-	-	-	-	-	1	-	-	-	1	-	-	-
Other persons in Transportation	1	2	-	3	-	4	8	6	9	16	2	4	2	4
Other persons in transportation	1	2	-	3	-	4	8	6	9	16	2	4	2	4
Trade	286	104	74	161	148	331	626	284	200	585	158	523	211	328
Banking and brokerage.	4	1	2	1	-	2	11	2	2	4	1	14	2	5
Insurance	-	1	2	-	-	-	11	3	2	7	2	6	2	6
Real estate	16	7	11	15	10	5	20	18	14	28	16	17	12	20
Automobiles	8	9	-	6	3	16	37	16	10	31	6	37	5	30
Clothing	12	11	3	11	26	44	59	32	25	36	12	23	9	8
Gasoline filling stations.	2	1	1	1	1	8	17	8	9	33	15	19	13	12
Food	144	31	27	42	57	134	253	81	59	177	37	177	67	97
Furniture	3	3	1	2	5	12	27	13	3	24	4	16	2	8
All other wholesale and retail trade.	94	36	24	78	43	105	176	101	70	212	56	183	89	128
Elevators	-	-	-	-	-	-	1	-	-	-	-	2	1	-
Stockyards	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Warehouses and cold storage plants	3	4	2	3	2	2	3	8	4	25	7	20	8	10
Other persons in trade	-	-	1	2	1	2	11	2	2	7	1	8	1	2
Clerical assistants, industry, business or profession not specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Professional Service	63	29	9	25	21	39	61	30	32	59	34	43	24	33
Professional service	63	29	9	25	21	39	61	30	32	59	34	43	24	33
Domestic and Personal Service	174	104	59	157	91	113	189	105	96	191	79	141	74	88
Occupations not in industries	151	91	49	120	58	95	155	91	89	173	77	124	70	83
Laundry and laundry work	23	13	10	37	33	18	34	14	7	18	2	17	4	5
Grand Total	1,633	889	658	1,519	1,444	1,901	2,530	1,980	1,264	2,592	1,189	2,289	1,167	1,476

TABLE VI.—Total Tabulatable Injuries, by Industries and Wage Groups, etc.—Continued

INDUSTRIES	NUMBER OF TABULATABLE INJURIES														\$35 and over	Total
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34				
Agriculture, Forestry and Animal Husbandry																
Agriculture . . . . .	7	18	22	4	10	4	4	11	8	1	3	3	6	436		
Forestry . . . . .	5	9	8	3	5	2	2	6	2	—	1	1	3	256		
Animal husbandry . . . . .	1	6	7	1	2	1	2	4	3	—	1	2	2	75		
Ice harvesting . . . . .	—	—	3	—	1	2	1	1	3	—	—	—	1	41		
Ice harvesting . . . . .	—	3	4	—	2	—	—	—	—	1	1	—	—	64		
Extraction of Minerals																
Quarrying . . . . .	—	5	1	—	1	2	—	2	—	1	—	—	3	65		
Quarrying . . . . .	—	5	1	—	1	2	—	2	—	1	—	—	3	65		
Building Trades																
Carpenters . . . . .	34	109	112	32	58	82	7	139	10	29	24	13	385	2,067		
Electricians . . . . .	4	26	19	11	13	11	2	43	4	3	3	7	77	350		
Masons . . . . .	3	4	8	2	1	—	1	8	2	2	2	1	39	106		
Plumbers . . . . .	5	16	7	2	5	8	—	15	1	6	—	1	36	159		
Painters . . . . .	2	5	17	3	7	4	—	10	1	5	7	—	76	205		
Painters . . . . .	8	2	2	5	3	2	—	17	1	1	1	—	22	96		
All other . . . . .	16	56	59	9	29	57	4	46	3	12	11	4	135	1,151		
Chemical and Allied Products																
Fertilizers . . . . .	15	10	15	9	5	7	—	8	4	1	1	2	25	366		
Paints, varnish and japanning . . . . .	1	—	—	—	—	—	—	1	—	—	—	—	2	27		
Powder, cartridges, fireworks, etc., makers . . . . .	3	1	3	2	—	—	—	2	—	—	—	—	5	36		
Soap makers . . . . .	4	3	3	—	—	1	—	—	1	—	1	1	2	57		
Other chemical workers . . . . .	6	6	9	7	5	6	—	4	3	1	—	1	16	224		
Clay, Glass and Stone Products																
Brickmakers . . . . .	3	4	15	4	3	2	1	5	1	4	—	1	19	196		
Potteries . . . . .	—	1	—	—	1	—	—	1	—	—	—	—	1	33		
Tile makers . . . . .	—	—	1	—	—	—	—	—	—	—	—	—	—	8		
Glass makers . . . . .	—	—	4	1	1	1	—	—	1	1	—	—	9	33		
Lime, cement and gypsum . . . . .	1	1	3	1	1	1	—	1	—	—	—	—	2	42		
Marble and stone cutters . . . . .	1	2	6	2	1	1	1	3	—	2	—	1	7	68		
Mica and isinglass . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	—	9		
Clothing																
Clothing makers . . . . .	4	5	9	—	5	7	3	10	—	1	4	—	24	369		
Corset makers . . . . .	3	4	9	—	3	7	2	7	—	—	4	—	24	283		
Hat makers, wool or felt . . . . .	—	—	—	—	—	—	1	—	—	—	—	—	—	7		
Shirt, collar and cuff makers . . . . .	1	1	—	—	2	—	—	3	—	1	—	—	—	48		
Shirt, collar and cuff makers . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	31		
Food and Kindred Products																
Bakeries, bread and other bakery products . . . . .	51	62	83	27	56	46	21	40	10	9	9	5	103	1,770		
Butter and cheese makers . . . . .	13	16	26	9	22	19	8	24	3	3	6	2	37	472		
Butter and cheese makers . . . . .	3	3	4	—	4	2	3	2	1	4	—	—	3	45		
Candy and confectionery . . . . .	2	2	5	1	1	3	3	1	2	1	—	—	—	8	234	



TABLE VI.—Total Tabulatable Injuries, by Industries and Wage Groups, etc.—Concluded

INDUSTRIES	NUMBER OF TABULATABLE INJURIES														Total
	\$23	\$24	\$25	\$26	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35 and over		
<b>Printing and Bookbinding</b>															
Printing and publishing establishments . . . . .	11	12	14	8	11	7	2	21	11	18	18	6	146	535	
	11	12	14	8	11	7	2	21	11	18	18	6	146	535	
<b>Textiles</b>															
Carpet mills. . . . .	83	63	74	48	35	16	9	31	14	12	9	5	75	3,583	
Cotton mills. . . . .	1	2	1	1	2	1	—	7	1	2	—	—	15	90	
Dyeing and finishing textiles . . . . .	37	15	18	17	5	2	3	7	1	2	—	—	2	1,238	
Hemp and jute mills . . . . .	7	1	3	—	4	—	1	5	3	—	3	—	10	301	
Knitting mills . . . . .	—	1	—	—	2	—	—	—	—	—	—	—	—	31	
Lace and embroidery makers . . . . .	1	1	8	3	1	—	—	4	1	1	—	—	14	151	
Linen mills . . . . .	1	—	—	—	1	—	—	—	—	—	—	—	—	1	
Print works . . . . .	3	1	7	2	2	—	—	—	1	1	—	—	—	26	
Rope and cordage factories, twine . . . . .	—	1	1	1	—	—	—	—	—	—	—	1	4	129	
Sail, awning and tent makers. . . . .	—	1	1	1	1	—	—	1	—	—	—	—	—	26	
Silk mills . . . . .	4	3	2	3	1	1	—	—	1	1	—	—	1	8	
Woolen mills, worsted mills . . . . .	22	30	23	17	13	10	4	9	7	7	6	4	25	1,129	
Not specified textile workers . . . . .	7	7	11	3	3	2	1	4	—	—	—	—	3	328	
<b>Miscellaneous Industries</b>															
Broom and brush makers . . . . .	68	116	127	71	80	71	36	82	28	35	26	14	154	2,531	
Button makers . . . . .	1	—	2	—	2	1	—	—	—	—	—	—	1	25	
Charcoal and coke burners . . . . .	1	—	1	—	1	—	—	—	—	—	—	—	—	6	
Cigars and cigarettes . . . . .	1	—	1	—	1	—	—	—	—	—	—	—	—	4	
Electric light and power companies . . . . .	6	11	15	14	12	9	3	12	5	15	6	5	51	241	
Electrical supplies, machinery, apparatus. . . . .	9	11	17	7	6	14	6	9	4	4	2	3	14	379	
Gas works . . . . .	2	25	7	17	14	20	9	24	5	6	12	5	9	220	
Oil works . . . . .	16	15	27	8	13	7	4	8	5	4	1	—	19	227	
Rubber factories . . . . .	16	18	22	13	7	6	2	8	1	—	2	—	3	639	
Straw factories . . . . .	—	—	1	—	—	—	—	—	—	—	—	—	—	9	
Gas and electric companies . . . . .	3	5	5	1	7	3	7	7	4	6	2	1	24	97	
Turpentine distillers . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
Other miscellaneous industries . . . . .	14	31	30	11	18	11	5	14	4	—	1	—	29	674	
<b>Water Transportation</b>															
Water transportation . . . . .	4	8	14	6	4	6	—	10	4	2	2	1	23	259	
	4	8	14	6	4	6	—	10	4	2	2	1	23	259	
<b>Road, Street and Bridge Transportation</b>															
Construction of roads, streets, etc. . . . .	75	305	258	131	230	172	80	346	107	84	53	34	458	4,270	
Livery stables and garages . . . . .	28	191	91	80	128	117	32	155	43	27	27	9	126	2,207	
Truck, transfer, cab and hack companies. . . . .	14	45	6	6	14	9	6	46	1	5	3	2	40	434	
Street railways . . . . .	20	70	89	14	68	23	19	88	31	16	7	3	84	972	
Steam railroads . . . . .	5	17	19	13	13	20	11	34	25	28	13	17	119	383	
	8	13	14	18	7	3	12	23	7	8	3	3	89	274	

Express companies	1	10	18	12	23	21	34	31	11	22	6	3	14	249
Express Companies	1	10	18	12	23	21	34	31	11	22	6	3	14	249
Telephone and Telegraph	5	13	1	5	1	3	2	3	1	1	2	—	19	147
Telephone and Telegraph	5	13	1	5	1	3	2	3	1	1	2	—	19	147
Air transportation.	—	—	—	—	—	—	—	—	—	1	—	—	—	5
Air Transportation	—	—	—	—	—	—	—	—	—	1	—	—	—	5
Other persons in transportation	7	20	17	11	21	10	12	24	7	3	2	—	6	201
Other persons in transportation	7	20	17	11	21	10	12	24	7	3	2	—	6	201
Trade	193	281	597	135	271	177	95	347	58	82	46	92	806	7,199
Banking and brokerage.	4	7	10	3	3	3	2	11	2	1	1	1	21	120
Insurance	2	6	6	1	1	4	1	3	5	4	2	4	70	151
Real estate	8	17	39	5	15	11	—	19	1	4	3	—	25	356
Automobiles.	13	12	45	14	15	8	2	38	5	13	2	1	48	430
Clothing	3	6	17	3	5	3	—	13	2	2	1	—	32	398
Gasoline filling stations.	14	6	22	6	7	4	2	6	—	3	—	1	12	223
Food	75	71	223	42	116	75	21	143	28	35	22	77	380	2,691
Furniture	3	9	14	—	5	2	3	8	2	1	—	1	16	187
All other wholesale and retail trade.	65	138	201	55	99	63	61	101	11	19	13	6	174	2,401
Elevators	—	—	1	1	—	1	—	—	—	—	—	—	—	1
Stockyards	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Warehouses and cold storage plants	5	7	14	3	5	2	2	2	2	—	1	1	8	150
Other persons in trade	—	2	4	2	—	1	1	3	—	—	—	—	8	65
Clerical assistants, industry, business or profession not specified	1	—	1	—	—	—	—	—	—	—	—	—	2	6
Professional service	14	25	40	13	21	19	10	30	11	14	11	3	68	781
Professional Service	14	25	40	13	21	19	10	30	11	14	11	3	68	781
Domestic and Personal Service	56	69	124	38	62	32	14	102	19	15	13	7	135	2,347
Occupations not in industries.	44	61	99	36	54	30	12	86	18	14	11	5	114	2,010
Laundry and laundry work	12	8	25	2	8	2	2	16	1	1	2	2	21	337
Grand Total	820	1,378	1,972	716	1,045	815	367	1,451	356	427	269	215	2,855	35,217



TABLE VII.—*Location of Injuries, by Nature of Injury, Total Tabulatable Injuries, July 1, 1933, to June 30, 1934*

LOCATION OF INJURY	NATURE OF INJURY										Occupational	Total
	Bruises, Contusions and Abrasions	Burns and Scalds	Concussions	Cuts, Punctures and Lacerations	Dislocations	Fractures	Sprains and Strains	All Other	Amputations and Loss of Use	Shocks (Electrical)		
Head												
Brain . . . . .	215	191	71	591	—	76	2	725	51	—	17	1,939
Eye . . . . .	—	—	71	—	—	—	—	—	—	—	—	71
Both eyes . . . . .	68	128	—	226	—	—	2	526	51	—	1	1,032
Internal ear . . . . .	2	53	—	6	—	—	—	51	—	—	16	128
Both internal ears . . . . .	—	—	—	—	—	—	—	3	—	—	—	3
External ear or ears . . . . .	—	—	—	—	—	—	—	2	—	—	—	2
Skull . . . . .	2	1	—	15	—	—	—	24	—	—	—	42
Scalp . . . . .	—	—	—	—	—	76	—	—	—	—	—	76
Head, general . . . . .	25	—	—	226	—	—	—	6	—	—	—	257
Head and shoulders . . . . .	96	4	—	113	—	—	—	102	—	—	—	315
Head and shoulders . . . . .	22	5	—	5	—	—	—	11	—	—	—	43
Face and Neck												
Forehead . . . . .	142	250	—	384	—	66	67	114	—	—	75	1,098
Eyelids . . . . .	30	2	—	152	—	—	—	9	—	—	1	194
Nose . . . . .	9	4	—	49	—	—	—	3	—	—	1	36
Cheek . . . . .	16	—	—	33	—	45	—	20	—	—	—	114
Upper jaw . . . . .	7	1	—	25	—	—	—	2	—	—	—	35
Lower jaw . . . . .	—	—	—	—	—	7	—	—	—	—	—	7
Teeth . . . . .	—	—	—	—	—	14	—	—	—	—	—	14
Lips and chin . . . . .	—	—	—	—	—	—	—	21	—	—	—	21
Face, general . . . . .	16	—	—	52	—	—	—	5	—	—	—	73
Neck . . . . .	43	100	—	79	—	—	—	18	—	—	15	255
Throat . . . . .	17	5	—	6	—	—	67	21	—	—	4	120
Face and hands or arms . . . . .	—	—	—	2	—	—	—	4	—	—	5	11
Face and hands or arms . . . . .	4	138	—	16	—	—	—	11	—	—	49	218
Trunk												
Spinal cord . . . . .	943	55	—	88	13	425	5,549	559	—	—	9	7,641
Vertebrae . . . . .	—	—	—	—	—	—	—	1	—	—	—	1
Back . . . . .	—	—	—	—	8	66	—	—	—	—	—	74
Sternum . . . . .	361	14	—	15	—	—	3,694	272	—	—	2	4,358
Ribs . . . . .	—	—	—	—	—	4	—	—	—	—	—	4
Thorax . . . . .	—	—	—	—	1	312	—	—	—	—	—	313
Abdomen . . . . .	190	19	—	20	—	—	94	57	—	—	3	392
Groin . . . . .	61	9	—	19	—	—	177	57	—	—	1	324
Sacrum or coccyx . . . . .	21	1	—	5	—	—	159	23	—	—	1	209
Pelvis . . . . .	—	—	—	—	1	6	—	—	—	—	—	7
Anus, perineum or rectum . . . . .	—	—	—	—	—	35	—	—	—	—	—	35
External generative organs . . . . .	—	—	—	2	—	—	—	7	—	—	—	9
External generative organs . . . . .	36	1	—	2	—	—	15	32	—	—	—	86



TABLE VII.—*Location of Injury, by Nature of Injury, Total Tabulatable Injuries, etc.—Concluded*

LOCATION OF INJURY	NATURE OF INJURY										Occupational	Total
	Bruises, Contusions and Abrasions	Burns and Scalds	Concussions	Cuts, Punctures and Lacerations	Dislocations	Fractures	Sprains and Strains	All Other	Amputations and Loss of Use	Shocks (Electrical)		
<b>Lower Extremities</b>	<b>2,768</b>	<b>269</b>	—	<b>1,485</b>	<b>35</b>	<b>1,236</b>	<b>2,279</b>	<b>939</b>	<b>39</b>	—	<b>16</b>	<b>9,066</b>
Hip joint . . . . .	—	—	—	—	2	19	—	—	—	—	—	21
Femur . . . . .	—	—	—	—	—	25	—	—	—	—	—	25
Hip . . . . .	107	3	—	5	—	—	83	28	—	—	—	226
Both hips . . . . .	2	—	—	—	—	—	—	—	—	—	—	3
Upper leg . . . . .	71	6	—	49	—	—	25	12	—	—	1	164
Patella . . . . .	—	—	—	—	26	42	—	—	—	—	—	68
Knee . . . . .	406	4	—	120	—	—	437	316	—	—	1	1,284
Metatarsals . . . . .	—	—	—	—	2	189	—	—	—	—	—	191
Both knees . . . . .	33	—	—	5	—	—	2	11	—	—	—	51
Tibia . . . . .	—	—	—	—	—	45	—	—	—	—	—	45
Fibula . . . . .	—	—	—	—	—	77	—	—	—	—	—	77
Tibia and fibula . . . . .	—	—	—	—	—	112	—	—	—	—	—	112
Lower leg . . . . .	236	18	—	163	—	—	25	41	7	—	—	490
Leg, general . . . . .	309	37	—	169	—	—	193	131	8	—	—	849
Both legs or one leg and one foot . . . . .	75	25	—	17	—	3	6	10	—	—	—	149
Ankle . . . . .	194	14	—	70	—	—	1,238	80	—	—	—	1,596
Tarsus . . . . .	—	—	—	—	3	135	—	—	—	—	—	138
Both ankles . . . . .	3	6	—	—	—	1	20	2	—	—	—	33
Instep . . . . .	79	6	—	25	—	—	18	15	—	—	—	143
Heel . . . . .	45	4	—	33	—	—	13	15	—	—	—	110
Oscals . . . . .	—	—	—	—	—	37	—	—	—	—	—	37
Both heels . . . . .	3	—	—	1	2	—	—	2	—	—	—	8
Foot . . . . .	569	125	—	662	—	—	191	114	4	—	—	1,667
Both feet . . . . .	5	—	—	—	—	—	9	27	—	—	—	65
Great toe . . . . .	422	1	—	109	1	372	15	73	3	—	4	996
Lesser toe . . . . .	70	—	—	27	—	90	2	14	8	—	1	212
One toe, not specified . . . . .	45	—	—	9	1	29	—	13	—	—	—	97
Great toe and lesser toe or toes . . . . .	51	—	—	9	—	33	1	12	3	—	—	109
Two or more lesser toes . . . . .	41	—	—	12	—	25	—	7	5	—	—	90
Two great toes and lesser toe or toes . . . . .	2	—	—	—	—	—	—	7	1	—	—	10
<b>Body</b>	<b>184</b>	<b>39</b>	—	<b>29</b>	—	—	<b>36</b>	<b>399</b>	—	<b>23</b>	<b>238</b>	<b>938</b>
Body, general . . . . .	184	39	—	29	—	—	36	348	—	23	100	759
Constitutional . . . . .	—	—	—	—	—	—	—	51	—	—	123	179
<b>Grand Total</b>	<b>6,305</b>	<b>1,573</b>	<b>71</b>	<b>9,591</b>	<b>176</b>	<b>2,957</b>	<b>9,324</b>	<b>3,733</b>	<b>761</b>	<b>23</b>	<b>703</b>	<b>35,217</b>

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, July 1, 1933, to June 30, 1934*

LOCATION AND NATURE OF INJURY		Per- manent Dis- abilities	Total Deaths	Per- manent Total Dis- abilities	NUMBER OF CASES														
					TEMPORARY DISABILITIES														
					1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	Total				
BRUISES, CONTUSIONS AND ABRASIONS					6,305 215	6	1	1,056 52 15 — — 10 26 1	1,373 47 16 2 — 4 21 4	875 40 19 — 1 4 11 5	875 24 11 — — 8 2 3	602 19 5 — — 2 8 4	1,030 19 1 — — 2 13 3	307 9 1 — — 1 7 —	126 4 — — — 1 1 2	42 1 — — — 1 1 —	12 — — — — — — —	6,298 215 68 2 2 25 96 22	
Face and Neck					142	—	—	36	31	28	16	8	2	16	6	—	1	—	142
Forehead	.	30	—	—	7	8	7	1	2	—	4	1	—	—	—	—	—	30	
Eyelids	.	9	—	—	5	3	3	1	—	—	—	—	—	—	—	—	—	9	
Nose	.	16	—	—	5	3	3	4	—	—	1	—	—	—	—	—	—	16	
Cheek	.	7	—	—	2	3	1	—	—	—	—	—	—	—	—	—	—	7	
Lips and chin	.	16	—	—	4	3	2	3	1	3	3	2	—	—	—	—	—	16	
Face, general	.	43	—	—	11	10	10	4	3	3	3	3	—	—	—	—	—	43	
Neck	.	17	—	—	2	4	1	3	2	2	3	1	—	—	—	—	—	17	
Face and hands or arms.	.	4	—	—	—	—	—	1	—	—	—	2	—	—	—	—	—	4	
Trunk					943	1	—	118	181	139	129	110	180	52	24	6	3	942	
Back	.	361	—	—	42	85	46	45	31	77	31	77	16	12	5	2	361		
Thorax	.	199	—	—	17	28	32	28	38	34	38	34	17	4	—	1	199		
Abdomen	.	61	1	—	5	15	11	8	5	13	5	13	2	1	—	—	—	60	
Groin	.	21	—	—	4	6	3	3	2	2	3	2	1	—	—	—	—	21	
External generative organs	.	36	—	—	3	6	8	4	3	3	6	4	4	1	1	—	—	36	
Side or sides.	.	251	—	—	47	39	37	38	29	45	11	5	1	—	—	—	—	251	
Buttocks	.	14	—	—	—	—	2	2	3	2	3	1	—	—	—	—	—	14	
Upper Extremities					2,051	2	—	367	432	251	281	208	363	86	44	15	4	2,051	
Shoulder	.	158	—	—	24	32	9	22	20	34	34	6	8	2	—	—	—	158	
Both shoulders	.	3	—	—	3	—	—	2	—	1	—	—	—	—	—	—	—	3	
Upper arm	.	9	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	9	
Elbow	.	176	—	—	24	30	25	26	18	36	36	9	4	4	—	—	—	176	
Forearm	.	45	—	—	10	10	8	10	3	5	5	—	1	—	—	—	—	45	
Wrist	.	64	—	—	10	17	8	11	4	9	9	2	2	1	—	—	—	64	
Arm, general	.	132	—	—	19	38	23	12	12	18	18	6	3	—	—	—	—	132	
Both arms or one arm and one hand	.	61	—	—	1	2	3	3	2	3	3	1	1	—	—	—	—	61	
Arm and leg.	.	12	—	—	12	11	8	9	5	11	11	1	1	3	—	—	—	12	
Hand, general	.	332	—	—	57	66	39	39	32	61	28	9	1	—	—	—	—	332	

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, etc.*—Continued

LOCATION AND NATURE OF INJURY	Total Deaths	Per- manent Disa- bilities	Per- ma- nent Disa- bilities	NUMBER OF CASES										TEMPORARY DISABILITIES					Total Year
				1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year						
<b>BRUISES, CONTUSIONS AND ABRASIONS—Con.</b>																			
<b>Upper Extremities—Con.</b>																			
Both hands . . . . .	7	—	—	2	2	1	—	—	1	—	—	—	—	—	—	—	—	7	
Hand and foot . . . . .	6	—	—	1	1	1	7	—	1	—	—	—	—	—	—	—	—	6	
Palm . . . . .	20	—	—	3	1	1	7	—	2	—	—	—	—	—	—	—	—	20	
Back of hand . . . . .	69	—	—	18	14	6	10	5	13	—	—	—	—	—	—	—	—	69	
Thumb . . . . .	202	—	—	45	46	23	30	13	34	10	—	—	—	—	—	—	—	202	
Index finger . . . . .	185	—	—	34	39	31	23	18	28	7	4	1	—	—	—	—	—	185	
Middle finger . . . . .	179	1	—	40	31	17	21	25	36	3	2	—	—	—	—	—	—	178	
Ring finger . . . . .	94	1	—	18	17	10	8	22	16	1	1	—	—	—	—	—	—	93	
Little finger . . . . .	104	—	—	12	26	18	16	12	16	3	1	—	—	—	—	—	—	104	
Thumb and one finger . . . . .	9	—	—	2	2	—	2	1	1	—	—	—	—	—	—	—	—	9	
Thumb and two or more fingers . . . . .	7	—	—	2	3	—	1	—	1	—	—	—	—	—	—	—	—	7	
Two fingers . . . . .	92	—	—	14	15	14	17	7	16	7	2	—	—	—	—	—	—	92	
Three fingers . . . . .	30	—	—	4	9	3	3	1	8	1	1	—	—	—	—	—	—	30	
Four fingers . . . . .	10	—	—	2	2	—	2	—	—	—	—	—	—	—	—	—	—	10	
One finger, not specified . . . . .	38	—	—	9	11	3	5	3	7	—	—	—	—	—	—	—	—	38	
Two or more fingers on both hands . . . . .	4	—	—	1	1	1	1	1	—	—	—	—	—	—	—	—	—	4	
Both thumbs . . . . .	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	
One finger on each hand . . . . .	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	
<b>Lower Extremities</b>																			
Hip . . . . .	2,768	3	467	657	395	379	243	411	142	49	18	3	2,764	—	—	—	—	—	
Both hips . . . . .	107	—	17	24	13	12	13	16	7	4	—	1	107	—	—	—	—	—	
Upper leg . . . . .	2	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	2	
Knee . . . . .	71	—	14	18	9	8	3	14	2	1	1	1	71	—	—	—	—	71	
Both knees . . . . .	406	1	58	83	57	60	40	59	30	13	5	—	405	—	—	—	—	405	
Lower leg . . . . .	33	—	37	44	31	30	28	45	2	—	—	—	33	—	—	—	—	33	
Leg, general . . . . .	236	—	41	68	52	37	26	56	18	5	4	—	235	—	—	—	—	235	
Both legs, or one leg and one foot . . . . .	309	1	41	10	13	11	9	9	7	7	3	—	308	—	—	—	—	308	
Ankle . . . . .	75	—	8	54	25	18	14	19	16	5	2	—	75	—	—	—	—	75	
Both ankles . . . . .	194	—	41	1	1	—	—	—	—	—	—	—	194	—	—	—	—	194	
Both heels . . . . .	3	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	3	
Foot . . . . .	569	—	86	131	78	96	46	95	29	—	—	—	569	—	—	—	—	569	
Both feet . . . . .	5	—	—	3	—	1	—	1	—	—	—	—	5	—	—	—	—	5	
Great toe . . . . .	422	—	85	118	60	60	39	50	9	1	—	—	422	—	—	—	—	422	
Lesser toe . . . . .	70	—	21	18	10	11	2	6	1	1	1	—	70	—	—	—	—	70	
One toe, not specified . . . . .	45	—	15	12	4	5	2	7	—	—	—	—	45	—	—	—	—	45	
Great toe and lesser toes . . . . .	51	—	11	10	9	6	7	5	2	1	—	—	51	—	—	—	—	51	





TABLE VIII.—Location and Nature of Injury, by Extent of Disability, etc.—Continued

LOCATION AND NATURE OF INJURY	Total Deaths	Per- manent Disa- bilities	NUMBER OF CASES										
			TEMPORARY DISABILITIES										
			1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year	
BURNS AND SCALDS.—Con.													
Upper Extremities.—Con.													
Index finger . . . . .	13	—	1	3	3	1	1	4	—	—	—	13	—
Middle finger . . . . .	10	—	2	3	—	4	1	1	—	—	—	10	—
Ring finger . . . . .	7	—	2	1	1	2	—	1	—	—	—	7	—
Little finger . . . . .	5	1	—	1	1	1	—	1	—	—	1	4	—
Thumb and one finger . . . . .	9	—	2	2	2	1	1	—	—	—	—	9	—
Thumb and two or more fingers . . . . .	5	—	1	2	1	—	—	2	—	—	—	5	—
Two fingers . . . . .	13	—	1	3	4	—	—	1	2	—	—	13	—
Three fingers . . . . .	14	—	3	3	1	6	1	3	1	—	—	14	—
Four fingers . . . . .	16	—	3	2	—	—	—	1	—	—	—	16	—
One finger, not specified . . . . .	1	—	—	1	—	—	—	—	—	—	—	1	—
Two or more fingers on both hands . . . . .	3	—	—	2	1	—	—	—	—	—	—	3	—
Both thumbs . . . . .	1	—	—	1	—	—	—	1	—	—	—	1	—
One finger on each hand . . . . .	2	—	1	1	—	—	—	—	—	—	—	2	—
Lower Extremities													
Hip . . . . .	269	1	19	39	29	46	31	65	27	7	4	1	268
Upper leg . . . . .	3	—	—	1	—	—	—	2	—	—	—	—	3
Knee . . . . .	6	—	2	1	1	1	—	1	—	—	—	—	6
Lower leg . . . . .	18	—	1	—	1	—	1	—	1	—	—	—	4
Leg, general . . . . .	37	—	2	5	5	2	5	6	2	4	2	—	18
Both legs or one leg and one foot . . . . .	25	1	2	2	3	6	4	11	3	3	—	—	37
Ankle . . . . .	14	—	1	2	3	2	2	4	2	1	—	—	24
Both ankles . . . . .	6	—	—	—	—	4	—	1	1	—	—	—	14
Instep . . . . .	6	—	1	—	—	—	—	2	2	—	—	—	6
Heel . . . . .	4	—	—	—	—	—	—	1	—	—	—	—	4
Foot . . . . .	125	—	11	22	10	25	15	26	12	2	2	—	125
Both feet . . . . .	20	—	1	3	3	2	2	5	4	—	—	—	20
Great toe . . . . .	1	—	—	1	—	—	—	—	—	—	—	—	1
Body													
Body, general . . . . .	39	11	2	2	5	3	2	4	3	2	5	—	28
CONCUSSIONS	39	11	—	—	—	—	—	—	—	—	—	—	28
Head	71	3	1	10	5	8	5	14	7	2	4	7	63
Brain	71	3	1	10	5	8	5	14	7	2	4	7	63

## CUTS, PUNCTURES AND LACERATIONS

## Head

Eye . . . . .	9,591	16	-	2	1,716	1,967	1,464	1,486	941	1,389	385	150	58	17	9,573
Both eyes . . . . .	591	1	-	1	144	149	79	76	46	60	18	8	5	4	569
External ear or ears . . . . .	226	-	-	-	48	73	33	26	17	19	5	4	1	-	226
Scalp . . . . .	6	-	-	-	1	-	1	3	1	-	-	-	-	-	6
Head, general . . . . .	228	1	-	1	3	15	4	2	2	2	-	-	2	-	15
Head and shoulders . . . . .	113	-	-	-	58	49	30	31	18	20	10	1	3	4	224
	5	-	-	-	33	23	11	13	8	19	3	3	-	-	113
		-	-	-	1	2	-	1	-	-	-	-	1	-	5
Face and Neck															
Forehead . . . . .	384	1	-	-	123	86	62	35	15	45	14	3	-	-	383
Eyelids . . . . .	152	-	-	-	54	31	23	16	3	20	4	1	-	-	152
Nose . . . . .	19	-	-	-	7	7	2	1	-	1	1	-	-	-	19
Cheek . . . . .	33	-	-	-	9	7	8	4	-	3	2	-	-	-	33
Lips and chin . . . . .	25	-	-	-	4	4	7	3	2	1	1	-	-	-	25
Face, general . . . . .	52	-	-	-	26	14	3	5	1	2	1	-	-	-	52
Neck . . . . .	78	1	-	-	15	21	17	4	7	9	3	2	-	-	78
Throat . . . . .	6	-	-	-	3	1	1	-	-	1	-	-	-	-	6
Face and hands or arms . . . . .	16	-	-	-	2	1	1	2	2	8	2	-	-	-	16
Trunk															
Back . . . . .	88	-	-	-	17	14	16	13	10	13	3	1	1	-	88
Thorax . . . . .	15	-	-	-	2	2	4	3	1	3	-	-	-	-	15
Abdomen . . . . .	20	-	-	-	3	4	4	3	3	3	-	-	-	-	20
Groin . . . . .	19	-	-	-	4	2	3	3	-	3	2	1	1	-	19
Anus, perineum or rectum . . . . .	5	-	-	-	1	-	1	1	1	1	-	-	-	-	5
External generative organs . . . . .	2	-	-	-	-	1	-	1	1	-	1	-	-	-	2
Side or sides . . . . .	15	-	-	-	7	1	3	1	3	1	-	-	-	-	15
Buttocks . . . . .	10	-	-	-	-	4	1	2	1	2	-	-	-	-	10
Upper Extremities															
Shoulder . . . . .	7,014	11	-	-	1,145	1,374	1,082	1,138	727	1,079	296	106	45	11	7,003
Both shoulders . . . . .	20	1	-	-	5	3	4	1	3	3	-	-	-	-	19
Upper arm . . . . .	1	-	-	-	-	-	-	-	1	1	-	-	-	-	1
Elbow . . . . .	26	-	-	-	7	4	2	3	4	4	1	1	-	-	26
Forearm . . . . .	79	-	-	-	14	14	9	15	5	14	4	7	1	1	79
Wrist . . . . .	186	-	-	-	33	38	28	29	18	21	10	2	2	-	186
Both wrists . . . . .	213	-	-	-	32	45	37	42	19	29	4	1	4	-	213
Arm, general . . . . .	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Both arms, or one hand and one arm . . . . .	192	1	-	-	24	50	38	27	21	19	7	2	3	-	191
Arm and leg . . . . .	7	-	-	-	1	-	1	2	-	2	1	-	-	-	7
Hand, general . . . . .	15	-	-	-	1	1	5	2	-	5	-	1	-	-	15
Both hands . . . . .	1,129	2	-	-	181	233	212	185	105	147	40	15	4	5	1,127
Hand and foot . . . . .	31	-	-	-	2	4	9	6	2	6	2	-	-	-	31
Palm . . . . .	5	-	-	-	2	-	-	-	-	-	-	-	-	-	5
Back of hand . . . . .	359	-	-	-	63	63	71	62	36	47	11	3	3	-	359
Thumb . . . . .	218	-	-	-	43	44	35	34	19	34	5	4	-	-	218
Index finger . . . . .	1,119	2	-	-	186	214	154	185	125	172	46	24	9	2	1,117
Middle finger . . . . .	1,224	-	-	-	210	230	194	196	128	197	47	16	5	1	1,224
Ring finger . . . . .	792	-	-	-	135	167	95	114	90	134	41	11	3	-	790
	371	-	-	-	59	64	49	70	46	65	16	2	-	-	371

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, etc.*—Continued

LOCATION AND NATURE OF INJURY	Total Deaths	Per- manent Total Dis- abilities	NUMBER OF CASES											Total Year	
			TEMPORARY DISABILITIES												
			1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year			
CUTS, PUNCTURES AND LACERATIONS—Con.															
Upper Extremities—Con.															
Little finger . . . . .	383	—	51	83	59	63	47	54	17	4	3	—	381		
Thumb and one finger . . . .	53	—	7	6	5	14	2	16	2	—	—	1	53		
Thumb and two fingers or more .	26	—	1	3	5	5	3	3	4	1	1	—	26		
Two fingers . . . . .	290	—	35	47	40	40	29	68	22	6	3	—	290		
Three fingers . . . . .	93	—	6	17	9	12	9	19	14	4	3	—	93		
Four fingers . . . . .	20	—	2	6	2	2	1	4	1	1	1	—	20		
One finger, not specified . . .	152	—	44	34	17	25	13	15	1	1	1	—	151		
Index finger on each hand . . .	3	—	—	1	1	2	—	—	—	—	—	—	3		
Two or more fingers on both hands .	1	—	—	1	—	—	—	—	—	—	—	—	1		
Both thumbs . . . . .	1	—	—	1	—	—	—	—	—	—	—	—	1		
One finger on each hand . . . .	4	—	1	—	1	1	1	—	—	—	—	—	4		
Lower Extremities															
Hip . . . . .	1,485	3	285	338	217	219	141	188	53	31	7	2	1,481		
Upper leg . . . . .	5	—	2	1	7	6	3	1	5	2	2	—	5		
Knee . . . . .	49	—	12	9	19	16	14	19	6	—	1	1	49		
Both knees . . . . .	120	—	21	23	17	22	31	34	10	8	1	—	120		
Lower leg . . . . .	5	—	18	21	17	27	14	28	11	3	1	—	5		
Leg, general . . . . .	163	—	23	34	28	27	14	31	10	8	1	—	162		
Both legs or one leg and one foot .	169	—	4	4	1	2	2	3	1	3	1	—	169		
Leg, general . . . . .	17	—	9	4	9	13	8	11	1	1	1	—	17		
Ankle . . . . .	70	—	4	6	2	4	2	4	1	1	1	—	69		
Instep . . . . .	25	—	7	7	4	6	4	—	2	3	—	1	25		
Heel . . . . .	33	—	7	7	4	6	4	—	2	3	—	—	33		
Both heels . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	1		
Foot . . . . .	662	2	158	179	99	92	47	61	11	12	1	—	660		
Great toe . . . . .	109	—	14	21	21	19	13	14	5	2	—	—	109		
Lesser toe . . . . .	27	—	10	4	4	3	2	4	—	—	—	—	27		
One toe, not specified . . . . .	9	—	1	5	—	2	1	1	—	—	—	—	9		
Great toe and lesser toes or toe .	9	—	1	1	3	1	1	3	—	—	—	—	9		
Two or more lesser toes . . . .	12	—	—	5	2	4	—	1	—	—	—	—	12		
Body															
Body, general . . . . .	29	—	2	6	8	5	2	4	1	1	—	—	29		
	29	—	2	6	8	5	2	4	1	1	—	—	29		

## DISLOCATIONS

## Trunk

Vertebrae . . . . .  
 Sacro-iliac joint . . . . .  
 Ribs . . . . .  
 Sacrum and coccyx . . . . .

## Upper Extremities

Scapula . . . . .  
 Clavicle . . . . .  
 Shoulder joint . . . . .  
 Humerus . . . . .  
 Olecranon . . . . .  
 Radius . . . . .  
 Carpus . . . . .  
 One metacarpal . . . . .  
 Thumb . . . . .  
 Index finger . . . . .  
 Middle finger . . . . .  
 Ring finger . . . . .  
 Little finger . . . . .  
 One finger, not specified . . . . .  
 Two fingers . . . . .

## Lower Extremities

Hip joint . . . . .  
 Patella . . . . .  
 Tarsus . . . . .  
 Metatarsals . . . . .  
 Great toe . . . . .  
 One toe, not specified . . . . .

## FRACTURES

## Head

Skull . . . . .  
 Nose . . . . .  
 Upper jaw . . . . .  
 Lower jaw . . . . .

## Face and Neck

## Trunk

Vertebrae . . . . .  
 Sternum . . . . .  
 Ribs . . . . .  
 Sacrum and coccyx . . . . .  
 Pelvis . . . . .  
 Sacro-iliac joint . . . . .

176	13	8	3	1	1	128	1	3	65	12	1	10	5	3	35	2	26	3	2	1	176	13	8	3	1	128	1	3	65	12	1	10	5	3	35	2	26	3	2	1	
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18	1	1	2	4	1	1	5	2	3	1	4
13	3	2	1	1	1	11	1	4	18	4	2	1	2	3	8	1	4	1	3	6	2	4	1	1	1	38	1	1	7	18											













[illegible]

TABLE VIII.—*Location and Nature of Injury, by Extent of Disability, etc.—Concluded*

LOCATION AND NATURE OF INJURY	Per- manent Deaths	Per- manent Total Disa- bilities	NUMBER OF CASES												Total Year	
			TEMPORARY DISABILITIES													
			1 to 3 Days	4 to 7 Days	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	4 to 8 Weeks	8 to 13 Weeks	13 to 26 Weeks	26 to 52 Weeks	Over 1 Year				
OCCUPATIONAL—Con.																
Both wrists . . . . .	2	—	—	—	—	1	—	1	—	—	—	—	—	2	—	
Arm, general . . . . .	14	—	—	3	4	2	2	1	—	—	—	—	—	14	—	
Both arms, or one hand and one arm . . . . .	72	—	6	6	13	11	8	11	7	9	1	—	—	72	—	
Arm and leg . . . . .	8	—	1	3	1	2	2	1	—	—	—	—	—	8	—	
Hand, general . . . . .	40	—	1	6	4	5	8	5	5	3	2	1	—	40	—	
Both hands . . . . .	170	—	6	22	14	23	15	43	19	17	9	2	—	170	—	
Hand and foot . . . . .	2	—	—	—	—	—	1	1	—	—	—	—	—	2	—	
Palm . . . . .	1	—	—	—	—	—	—	—	1	—	—	—	—	1	—	
Back of hand . . . . .	3	—	—	2	—	—	—	1	—	—	—	—	—	3	—	
Thumb . . . . .	3	—	1	2	1	—	—	—	—	—	—	—	—	3	—	
Index finger . . . . .	9	—	3	3	2	1	1	—	—	—	1	—	—	9	—	
Middle finger . . . . .	6	—	—	4	—	—	—	—	—	—	—	—	—	6	—	
Ring finger . . . . .	1	—	—	1	—	—	—	—	—	—	—	—	—	1	—	
Little finger . . . . .	3	—	1	1	1	—	1	1	—	—	—	—	—	3	—	
Thumb and one finger . . . . .	3	—	—	1	—	—	—	1	—	—	—	—	—	3	—	
Two fingers . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	
Three fingers . . . . .	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	
One finger, not specified . . . . .	2	—	—	—	1	—	1	—	—	—	—	—	—	2	—	
Two or more fingers on both hands . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lower Extremities																
Upper leg . . . . .	16	—	2	6	4	1	—	2	1	—	—	—	—	16	—	
Both ankles . . . . .	1	—	—	—	—	—	—	1	—	—	—	—	—	1	—	
Knee . . . . .	1	—	—	—	1	—	—	—	—	—	—	—	—	1	—	
Leg, general . . . . .	2	—	1	1	1	—	—	—	—	—	—	—	—	2	—	
Both legs . . . . .	4	—	1	2	2	—	—	—	—	—	—	—	—	4	—	
Foot . . . . .	2	—	1	—	—	—	—	1	—	—	—	—	—	2	—	
Both feet . . . . .	4	—	—	3	—	—	—	—	1	—	—	—	—	4	—	
Lesser toe . . . . .	1	—	—	—	—	1	—	—	—	—	—	—	—	1	—	
Body																
Body, general . . . . .	228	17	30	39	21	14	12	35	10	12	8	7	188	—	—	
Constitutional . . . . .	100	—	11	30	7	9	6	22	5	5	3	1	99	—	—	
	128	17	19	9	14	5	6	13	5	7	5	6	89	—	—	
Grand Total . . . . .	35,217	231	4,656	6,781	4,377	4,436	3,093	6,140	2,642	1,188	591	220	34,124			

TABLE IX.—*Cases of Infection, by Nature of Injury, July 1, 1933, to  
June 30, 1934*

NATURE OF INJURY	Total	Fatals	Permanent	Permanent	Temporary
			Total Disabilities	Partial Disabilities	Total Disabilities
Abrasions, contusions and bruises . . . . .	457	5	—	1	451
Burns and scalds . . . . .	95	2	—	—	93
Cuts, punctures and lacerations . . . . .	2,164	15	—	1	2,148
Fractures . . . . .	7	1	—	—	6
Sprains and strains . . . . .	7	—	—	—	7
All other . . . . .	376	—	—	2	374
Amputations . . . . .	45	3	—	42	—
<b>Grand Total</b> . . . . .	<b>3,151</b>	<b>26</b>	<b>—</b>	<b>46</b>	<b>3,079</b>



TABLE X.—*Causes of Injuries, by Extent of Disability, July 1, 1933, to June 30, 1934*

CAUSES	NUMBER OF TABULATABLE INJURIES										DAYS LOST DUE TO —				
	DEATHS					TEMPORARY DISABILITIES					DEATHS				
	Total	Permanent Total	Permanent Partial	Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under	Total	Deaths	Permanent Total	Permanent Partial	Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under
<b>Machinery</b>	5,098	24	1	527	1,968	622	555	1,401	651,776	144,000	358,300	119,622	11,255	6,418	6,181
Prime Movers	19	—	2	7	3	2	5	4,531	—	—	3,900	536	53	23	19
Compressed air motors	8	—	—	3	1	1	3	335	—	—	300	300	15	9	11
Electric motors and dynamos	2	—	1	—	1	—	—	317	—	—	300	—	17	—	—
Gas and gasoline engines	2	—	—	1	1	—	—	56	—	—	—	35	21	—	—
Water motors	1	—	—	1	—	—	—	52	—	—	—	52	—	—	—
Other prime movers	6	—	1	—	2	1	2	3,771	—	—	3,600	149	—	14	8
<b>POWER TRANSMISSION APPARATUS</b>	73	1	1	1	37	4	13	17	9,214	6,000	600	2,314	76	158	66
Belts and pulleys	41	—	1	1	23	1	8	8	2,069	—	600	1,323	19	98	29
Chains and sprockets	2	—	—	—	1	—	—	1	37	—	—	34	—	—	3
Cogs, cams, gears and friction wheels	2	—	—	—	—	—	—	2	10	—	—	—	—	—	—
Ropes, cables and drums	4	—	—	—	13	3	1	3	20	—	—	—	—	12	8
Shafts	24	1	—	—	—	4	3	3	7,078	6,000	—	957	57	48	16
<b>FARM MACHINES</b>	9	—	1	1	5	—	—	3	2,556	—	2,400	143	—	—	13
Miscellaneous machines	8	—	—	—	5	—	3	3	156	—	—	143	—	—	13
Feed and ensilage cutting and shredding machines	1	—	—	1	—	—	—	—	2,400	—	—	—	—	—	—
<b>ENGINEERING AND CONTRACTING MACHINES</b>	92	—	—	8	35	11	11	27	7,272	—	—	3,221	210	132	109
Miscellaneous machines	62	—	6	23	23	7	18	18	5,806	—	3,600	2,512	130	90	74
Concrete mixers	15	—	—	9	9	2	1	3	627	—	3,000	561	38	14	14
Pile drivers	4	—	1	1	1	1	1	1	410	—	300	93	—	14	3
Road rollers	2	—	—	—	—	—	—	—	314	—	300	—	—	14	—
Rock drills	9	—	—	1	2	2	5	5	115	—	—	55	42	—	18
<b>CHEMICAL PRODUCTS MACHINES</b>	4	—	—	—	4	—	—	—	184	—	—	184	—	—	—
Paints, Varnishes, Dry Colors, Inks and Dyes	1	—	—	—	1	—	—	—	53	—	—	53	—	—	—
Miscellaneous machines	1	—	—	—	1	—	—	—	23	—	—	23	—	—	—
Centrifugal extractors	1	—	—	—	1	—	—	—	27	—	—	27	—	—	—
Crushers	1	—	—	—	1	—	—	—	81	—	—	81	—	—	—
Pony and paint mixers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Soaps, Greases, Oils and Fertilizers</b>	3	—	—	—	2	1	—	—	81	—	—	60	21	—	—
Miscellaneous machines	1	—	—	—	1	—	—	—	27	—	—	27	—	—	—
Barreling, bagging, packing and wrapping machines, automatic or semi-automatic	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Soap stamping presses, power operated	1	—	—	—	1	—	—	—	21	—	—	33	21	—	—



TABLE X.—Cause of Injuries, by Extent of Disability, etc.—Continued

CAUSES	NUMBER OF TABULATABLE INJURIES				DAYS LOST DUE TO —								
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES				Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under	
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under					
Machinery—Con.													
METAL WORKING MACHINES—Con.													
Bending and straightening machines and rolls . . . . .	5	—	—	1	3	—	—	1	443	—	—	140	3
Other metal rolls . . . . .	6	—	—	2	1	—	—	2	648	—	—	25	10
Bolt and nut, pipe cutting, threading and tapping machines . . . . .	8	—	—	1	2	—	—	5	381	—	—	55	—
Boring machines or mills (horizontal and vertical) . . . . .	8	—	—	—	2	1	—	5	167	—	—	124	—
Drills, drill presses (radial and upright or gooseneck) . . . . .	67	—	—	2	11	15	6	33	1,858	—	—	501	25
Hammers and Forging Machines													
Hammers and forging machines, N. O. C. . . . .	4	—	—	—	4	—	—	—	204	—	—	204	—
Drop hammers . . . . .	13	—	—	1	3	4	3	2	1,472	—	—	162	6
Forging hammers . . . . .	2	—	—	—	1	—	—	1	37	—	—	34	3
Swaging machines . . . . .	1	—	—	—	1	—	—	—	26	—	—	26	—
Upsetting machines . . . . .	1	—	—	—	1	—	—	—	47	—	—	47	—
Lathes and Automatic Screw Machines													
Lathes and automatic screw machines, N. O. C. . . . .	2	—	—	—	—	—	—	—	—	—	—	—	—
Lathes . . . . .	67	—	—	4	24	9	7	1	19	—	—	1,060	13
Screw machines . . . . .	10	—	—	2	2	2	1	3	2,913	—	—	87	109
Turret lathes . . . . .	10	—	—	1	4	1	—	4	1,159	—	—	50	12
Milling and Gear Cutting Machines													
Milling and gear cutting machines . . . . .	11	—	—	5	1	1	—	4	1,568	—	—	32	6
Die sinkers . . . . .	6	—	—	—	1	2	—	3	123	—	—	70	19
Gear cutting machines . . . . .	1	—	—	1	—	—	—	—	300	—	—	39	14
Milling machines . . . . .	22	—	—	3	10	2	—	7	1,931	—	—	506	—
Slotters . . . . .	1	—	—	—	1	—	—	—	70	—	—	70	—
Molding machines (core, sandmixers, tamping machines) . . . . .	9	—	—	3	1	2	1	2	5,224	—	—	35	—
Planers and shapers . . . . .	18	—	—	1	6	2	2	7	631	—	—	248	8
Polishers and buffers . . . . .	52	—	—	2	23	6	6	15	2,290	—	—	107	27
Portable power tools . . . . .	57	—	—	9	28	5	6	9	6,643	—	—	1,436	76

*Presses and Punches, (Power)*

Miscellaneous presses	104	-	-	-	21	41	7	7	28	11,945	-	-	9,600	2,017	121	87	130
Arbor presses	4	-	-	-	-	2	1	1	1	143	-	-	-	126	15	-	2
Bulldozers	2	-	-	-	-	1	1	1	-	652	-	-	600	52	-	-	-
Draw presses	1	-	-	-	-	-	-	-	-	49	-	-	-	49	-	-	-
Punch, stamping and trimming presses	58	-	-	-	19	21	7	3	8	12,835	-	-	11,550	1,150	120	28	37
Punch and eyeletting machines	3	-	-	-	-	-	-	-	2	308	-	-	300	-	-	-	8
Punch and rivetting presses	10	-	-	-	-	5	1	1	3	235	-	-	-	-	19	14	11
Squaring presses	2	1	-	-	-	1	3	4	13	6,032	6,000	-	-	32	-	-	-
Presses (foot and hand operated)	48	-	-	-	13	15	3	4	4	7,356	-	-	6,900	600	55	38	63
Presses (hydraulic, pneumatic and screw)	7	-	-	-	4	4	2	1	2	4,392	-	-	4,350	31	-	-	11
Reamers	14	-	-	-	-	7	2	1	4	326	-	-	-	260	33	14	19
Rolling and blooming mills	8	-	-	-	3	2	-	1	2	5,170	-	-	5,100	54	-	11	5
<i>Saws</i>																	
Miscellaneous saws	16	-	-	-	1	5	1	2	7	544	-	-	300	169	19	19	37
Band saws	1	-	-	-	-	-	-	-	1	5	-	-	-	-	-	-	5
Circular saws	20	-	-	-	4	6	-	5	5	3,162	-	-	2,850	234	-	62	16
Hack saws	3	-	-	-	-	2	-	-	1	59	-	-	-	56	-	-	3
Shears	22	-	-	-	6	10	3	2	1	4,815	-	-	4,200	527	58	25	5
Welding and heat cutting machines	9	-	-	-	-	3	2	3	4	180	-	-	-	106	38	-	16
Wire working machines	16	-	-	-	5	4	4	3	4	7,401	-	-	7,200	149	29	23	23
Wire and tube working machines	16	-	-	-	3	5	1	1	2	4,992	-	-	4,350	587	20	9	26
Winding machines (armatures)	4	-	-	-	-	-	-	2	6	29	-	-	-	-	-	22	7
<i>LEATHER WORKING MACHINES</i>																	
<i>Leather Products</i>	662	1	-	-	44	255	95	83	184	49,353	6,000	-	26,100	13,734	1,706	971	852
Miscellaneous leather machines	500	-	-	-	33	184	78	60	145	29,513	-	-	16,950	9,798	1,492	698	665
Buffing and scouring machines	42	-	-	-	2	20	8	6	6	2,158	-	-	-	1,007	152	68	31
Cutting machines	46	-	-	-	-	13	3	5	9	882	-	-	-	722	55	62	43
Punching and pressing machines	17	-	-	-	-	20	10	2	7	4,075	-	-	2,700	1,107	184	58	26
Sewing machines	49	-	-	-	1	9	2	1	4	2,440	-	-	1,500	862	40	14	24
Miscellaneous shoemaking machines	89	-	-	-	8	16	8	10	14	1,675	-	-	300	1,053	142	115	65
Rolling machines	2	-	-	-	8	28	17	8	28	5,696	-	-	3,600	1,584	287	99	126
Lacing machines	6	-	-	-	-	1	-	-	-	325	-	-	300	25	-	-	-
Stamping machines	14	-	-	-	-	2	1	1	2	96	-	-	-	59	18	10	9
Lasting machines	43	-	-	-	-	9	1	1	3	409	-	-	-	375	15	8	11
Eyeletting machines	9	-	-	-	-	14	7	10	12	773	-	-	-	484	131	105	53
Heeling machines	15	-	-	-	3	3	1	2	3	206	-	-	-	150	37	24	15
Trimming machines	49	-	-	-	3	4	2	2	4	1,127	-	-	900	146	34	26	21
Dinking machines	27	-	-	-	5	12	6	4	25	1,572	-	-	900	400	107	50	109
Nallers and tackers	35	-	-	-	5	14	2	1	6	3,761	-	-	2,700	995	37	-	29
Skiving machines	12	-	-	-	-	4	2	1	8	380	-	-	-	243	38	14	35
Grading and sorting machines	5	-	-	-	-	8	8	4	12	574	-	-	-	326	145	45	58
Embossing machines	10	-	-	-	6	3	-	-	2	112	-	-	-	102	-	-	-
						4	-	-	-	3,302	-	-	3,150	152	-	-	-
<i>Tanneries</i>																	
Miscellaneous machines	162	1	-	-	11	71	17	23	39	19,840	6,000	-	9,150	3,926	304	273	187
Buffing drums	77	-	-	-	3	31	12	11	20	5,905	-	-	3,600	1,862	218	135	90
Other drums and paddle vats	2	1	-	-	1	4	-	1	1	1,535	-	-	1,200	315	-	13	7
Fleshing, shaving and skiving machines	39	-	-	-	4	21	3	4	7	6,046	6,000	-	2,550	46	-	-	-
										3,711	-	-	-	1,034	53	44	30

TABLE X.—Causes of Injuries, by Extent of Disability, etc.—Continued

CAUSES	NUMBER OF TABULATABLE INJURIES					DAYS LOST DUE TO —									
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES			Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES			
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks					7 Days and under	Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks
<b>Machinery—Con.</b>															
<b>LEATHER WORKING MACHINES—Con.</b>															
<i>Tanneries—Con.</i>															
Hair washing and drying machines . . . . .	2	—	—	2	8	2	4	7	—	—	600	—	—	—	10
Jacks-felting, glazing, rolling, etc. . . . .	23	—	—	—	1	—	1	1	—	—	—	—	—	52	41
Presses and baling machines . . . . .	3	—	—	—	1	—	1	1	—	—	—	—	—	11	7
Setting up or out machines . . . . .	2	—	—	1	1	—	—	—	—	1,200	42	—	—	—	—
Splitting machines . . . . .	6	—	—	—	3	—	2	1	—	—	165	—	18	—	2
Unhairing machines . . . . .	1	—	—	—	1	—	—	—	—	—	22	—	—	—	—
<b>WOOD WORKING MACHINES</b>															
Miscellaneous machines . . . . .	505	3	88	211	65	55	83	87,099	56,450	10,421	1,193	653	382	60	60
Boring machines and drills . . . . .	36	—	3	13	5	4	11	2,947	2,250	500	90	47	15	5	5
Broom and brush making machines . . . . .	21	—	1	10	4	3	3	914	300	489	73	37	—	—	—
	4	—	1	1	1	—	1	472	300	150	17	—	—	—	—
<b>Lathes</b>															
Lathes, miscellaneous . . . . .	15	—	—	4	1	4	4	2,741	2,400	255	16	49	21	9	9
Mortising machines . . . . .	2	—	—	—	—	—	2	9	—	—	—	—	—	—	—
<b>Presses</b>															
Miscellaneous presses . . . . .	12	1	—	6	1	2	1	6,624	300	279	17	26	2	—	—
Box board squeezers . . . . .	2	—	—	2	—	—	—	141	—	141	—	—	—	—	—
Box nailers . . . . .	3	—	—	1	—	2	—	62	—	35	—	27	—	—	—
<b>Tenoning, Planing and Molding Machines</b>															
Automatic blind slat . . . . .	1	—	—	—	—	—	1	3	—	—	—	—	—	—	3
Edgers . . . . .	3	—	3	—	1	—	—	3,600	3,600	—	—	—	—	—	—
Joiners . . . . .	4	—	—	2	1	1	—	84	—	54	18	12	—	—	—
Matchers . . . . .	9	1	—	2	2	2	2	6,154	—	89	36	20	9	—	—
Molders . . . . .	25	—	6	12	1	1	5	4,682	4,050	581	20	12	19	—	—
Planers . . . . .	70	—	18	32	4	5	11	9,803	8,400	1,224	74	53	52	—	—
Stickers . . . . .	1	—	—	—	—	—	—	3	—	—	—	—	—	—	—
Tenoners . . . . .	1	—	1	—	—	—	—	600	600	—	—	—	—	—	—
Sanding machines, N. O. C. . . . .	16	—	—	7	2	4	3	344	—	256	32	46	10	—	—
Belt (felice and panel) . . . . .	1	—	—	—	—	—	—	17	—	—	17	—	—	—	—
Spindle and post . . . . .	1	—	—	—	—	—	—	11	—	—	11	—	—	—	—
Surface or drum . . . . .	2	—	—	—	—	—	2	6	—	—	—	—	—	—	—





TABLE X.—*Causes of Injuries, by Extent of Disability, etc.—Continued*

CAUSES	NUMBER OF TABULATABLE INJURIES					DAYS LOST DUE TO —				
	Total	Deaths	TEMPORARY DISABILITIES			Permanent Total	Permanent Partial	TEMPORARY DISABILITIES		
			Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks			Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks
					7 Days and under					7 Days and under
<b>Machinery—Con.</b>										
PRINTING AND BOOKBINDING MACHINES										
Composing machines, all other	129	—	47	12	15	38	16,586	2,686	214	183
Linotypes	3	—	2	1	—	—	101	85	16	153
Monotypes	9	—	5	1	1	—	280	238	15	2
Type casters	2	—	1	—	1	—	4	—	—	4
							72	69	—	3
<b>Presses</b>										
Binding presses	5	—	2	—	1	—	829	59	—	6
Printing presses	47	—	19	4	2	16	5,067	858	71	62
Flat bed cylinder presses	5	—	—	1	2	—	639	—	19	20
Job platen presses	14	—	6	2	2	1	1,233	271	33	7
Web newspaper presses	4	—	3	—	—	—	4,810	310	—	—
Sewing machines	1	—	1	—	—	—	24	24	—	—
Wire stitchers	3	—	1	—	1	—	64	44	—	6
Other printing machines	18	—	5	—	2	10	1,485	226	—	38
Other bookbinding machines	17	—	2	3	3	6	1,978	502	60	25
<b>TEXTILE MACHINES</b>										
Miscellaneous machines	973	1	374	127	103	268	100,861	23,314	2,279	1,249
Washers	76	—	30	6	5	25	8,640	2,227	107	59
Driers	10	—	3	2	1	—	567	300	38	37
Scouring machines	9	—	3	—	3	—	2,512	216	13	—
Braiding and knitting machines	3	—	—	—	—	—	21	82	—	—
Carding and combing machines, all other	15	—	4	1	2	8	358	—	—	8
Cards	5	—	1	—	—	—	120	84	20	28
Combs	123	—	60	12	14	3	17,271	4,327	17	19
Garnett machines	39	—	14	6	4	8	3,245	2,400	212	73
Stubbers	16	—	8	1	1	2	4,102	646	108	43
Speeders	4	—	—	—	—	—	170	469	16	8
Gill box tenders	21	—	12	2	1	5	1,774	504	37	—
Cloth cutting and stamping machines	8	—	—	—	—	—	2,700	—	—	23
Folding machines	12	—	—	2	2	2	2,723	123	31	9
Coating and inlaying machines	7	—	3	2	2	3	483	300	20	5
	1	—	1	—	—	—	166	32	37	—
							32	—	—	—
<b>Dyeing, Finishing and Printing Machines</b>										
Dyeing and finishing machines	78	—	32	10	6	20	11,738	3,005	177	90

Shearing machines . . . . .	7	1	4	1	1	1	833	3,017	3,000	510	19	-	4
Lappers . . . . .	2	1	1	1	1	1	29	17	-	23	17	-	6
Hat making machines . . . . .	1	-	1	1	1	1	17	32	-	1,502	67	32	52
Openers . . . . .	48	12	19	4	2	2	479	300	8,850	138	28	28	13
Pickers . . . . .	7	1	-	1	1	1	33	-	-	-	20	13	3
Rag pickers . . . . .	2	1	-	1	1	1	331	-	-	-	15	13	-
Willow machines . . . . .	4	1	2	1	1	1	100	-	-	82	-	11	7
Presses . . . . .	4	2	3	4	2	9	911	-	-	164	76	27	44
Rope making machines . . . . .	20	1	10	3	3	10	1,543	-	6,000	645	55	41	52
Sewing machines . . . . .	27	1	11	2	2	4	6,886	-	-	512	34	25	15
Spinning machines, all other . . . . .	20	4	14	5	2	2	2,872	-	-	1,800	907	85	21
Jacks and mules . . . . .	37	6	6	5	1	2	8,314	-	1,800	258	87	10	9
Spinning frames . . . . .	20	6	5	4	1	8	308	-	7,950	192	65	14	37
Drawing frames . . . . .	18	-	5	3	4	5	391	-	-	267	58	48	18
Spoolers . . . . .	17	-	12	6	4	18	809	-	-	560	119	48	82
Twisting machines . . . . .	17	-	75	34	28	63	7,131	-	1,950	3,892	616	339	334
Twisting machines, all other . . . . .	40	5	7	1	5	5	1,174	-	-	378	21	-	25
Weaving machines . . . . .	210	1	16	6	7	16	1,558	-	-	990	108	83	77
Looms . . . . .	14	-	1	-	-	-	-	-	-	-	-	-	-
Warpers . . . . .	14	-	1	-	-	-	-	-	-	-	-	-	-
Winders, doublers and quillers . . . . .	46	1	16	6	7	16	1,558	-	-	990	108	83	77
RUBBER, CELLULOSE, COMPOSITION, PEARL, BONE AND TORTOISE SHELL (GOVERNMENT MACHINES)													
Miscellaneous machines . . . . .	202	1	73	22	21	56	35,957	24,300	6,000	4,771	390	245	251
Calenders . . . . .	75	1	31	10	6	24	12,351	3,600	6,000	2,404	177	67	103
Comb cutting machines and ornament shapers . . . . .	6	-	2	1	-	3	151	-	-	120	20	-	11
Cutting and punching machines . . . . .	9	-	3	1	4	2	159	-	-	105	-	45	9
Cutting and slitting machines . . . . .	14	-	10	1	2	1	904	-	-	859	16	25	4
Drills (button) etc. . . . .	5	1	-	1	-	3	332	-	-	-	16	-	16
Grinding, washing, milling and cracking machines . . . . .	20	2	6	3	1	8	2,944	-	-	301	52	9	32
Lathes (button) etc. . . . .	3	-	1	1	1	1	47	-	-	30	14	14	3
Mixers (not of calendar type) . . . . .	5	-	4	1	1	1	253	-	-	250	-	-	3
Presses, foot and hand operated . . . . .	15	3	4	1	3	4	1,680	-	-	258	19	37	16
Presses and punches (mechanical) . . . . .	14	8	3	1	-	2	3,932	-	-	1,350	15	-	12
Rubber band choppers and cutters . . . . .	1	1	-	-	-	-	750	-	-	155	15	-	-
Rubber band choppers and cutters . . . . .	0	-	3	3	1	2	176	-	-	96	56	10	14
Saws (button) etc. . . . .	6	-	3	-	2	1	120	-	-	90	-	26	4
Tire and tube making machines . . . . .	1	-	-	-	2	1	6	-	-	-	-	-	6
Tumblers . . . . .	83	4	41	10	5	23	8,011	-	-	3,318	190	58	95
LAUNDRY MACHINES													
Miscellaneous machines . . . . .	28	-	11	6	2	9	891	-	-	717	115	23	36
Extractors . . . . .	7	1	2	1	1	3	1,316	-	-	83	18	-	15
Ironing machines . . . . .	18	1	10	2	1	4	2,106	-	-	842	40	8	16
Body ironers . . . . .	3	-	3	-	-	-	282	-	-	282	-	-	-
Flat work ironers . . . . .	2	-	-	-	-	-	12	-	-	-	-	-	12
Mangles . . . . .	6	-	4	1	-	1	259	-	-	239	17	-	3
Washing machines . . . . .	19	2	11	-	2	4	3,145	-	-	1,155	-	27	13





TABLE X.—*Causes of Injuries, by Extent of Disability, etc.—Continued*

CAUSES	NUMBER OF TABULATABLE INJURIES					DAYS LOST DUE TO —							
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES				Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under	
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under					
<b>Machinery—Con.</b>													
<b>CONVEYORS—Con.</b>													
<i>Air Hoists—Con.</i>													
Caught in	3	—	—	—	1	—	1	1	52	—	—	—	7 Days and under
Struck by load	3	—	—	—	—	—	—	—	43	—	—	—	1 to 2 Weeks
Other	12	—	—	—	5	3	1	3	332	—	—	—	2 to 3 Weeks
<i>Overhead Trolleys</i>													
Objects falling from	3	—	—	—	—	2	1	—	49	—	—	—	Over 3 Weeks
Struck by load	1	—	—	—	1	—	—	—	42	—	—	—	2 to 3 Weeks
Other	6	—	—	—	5	—	—	1	221	—	—	—	1 to 2 Weeks
<i>Belt and Chain Conveyors</i>													
Objects falling from	5	—	—	—	2	1	1	1	86	—	—	—	Over 3 Weeks
Caught in	21	—	—	2	10	2	1	6	2,399	—	—	—	2 to 3 Weeks
Struck by load	2	—	—	—	2	2	—	—	520	—	—	—	1 to 2 Weeks
Other	14	—	—	—	7	—	2	5	701	—	—	—	7 Days and under
<i>Screen Conveyors</i>													
Caught in	1	—	—	1	—	—	—	—	4,500	—	—	—	Over 3 Weeks
<i>Bucket Conveyors</i>													
Objects falling from	5	—	—	—	1	—	—	4	69	—	—	—	2 to 3 Weeks
Caught in	3	—	—	—	2	—	—	1	319	—	—	—	1 to 2 Weeks
Struck by load	9	—	—	1	6	—	—	2	588	—	—	—	7 Days and under
Other	4	—	—	—	1	—	1	2	123	—	—	—	Over 3 Weeks
<i>Platform Conveyors and Escalators</i>													
Objects falling from	1	—	—	—	1	—	—	—	28	—	—	—	Over 3 Weeks
Caught in	13	1	—	3	5	—	2	2	10,576	6,000	—	—	2 to 3 Weeks
Other	20	—	—	1	9	3	2	5	1,242	59	21	11	1 to 2 Weeks
													7 Days and under

Vehicles (not including Construction of)																	2,914	72	2	32	1,282	389	372	765	604,299	432,000	12,000	53,850	91,529	7,213	4,307	3,400	
CARS AND ENGINES—STEAM AND ELECTRIC																	204	15	—	6	73	22	33	55	111,510	90,000	—	16,200	4,280	409	381	240	
<i>Falls From or In</i>																																	
In getting on or off, in motion																	4	—	—	—	2	—	—	2	130	—	—	—	125	—	—	5	
In getting on or off, at rest																	29	—	—	—	13	1	6	9	691	—	—	—	562	20	67	42	
While riding on, due to sudden start or stop																	5	1	—	1	—	—	3	—	7,209	6,000	—	1,200	—	—	—	9	
While riding on, due to slipping or loss of balance																	4	—	—	—	1	1	—	2	57	—	—	—	28	20	—	9	
While riding on, contact with side structure																	1	—	—	—	—	—	1	—	14	—	—	—	—	14	—	—	
Falls																	50	—	—	—	26	5	9	10	2,219	—	—	—	1,976	89	110	44	
<i>Train Wrecks</i>																																	
Collisions																	13	2	—	—	5	1	2	3	12,245	12,000	—	—	190	18	23	14	
Derailments																	3	2	—	—	1	—	—	—	12,023	12,000	—	—	23	—	—	—	
<i>Struck By or Caught Between</i>																																	
While coupling or uncoupling																	4	—	—	1	—	3	—	—	4,552	—	—	4,500	—	52	—	—	3
While switching																	4	1	—	—	1	1	—	1	6,156	6,000	—	—	132	21	—	—	
While repairing cars or engines																	1	—	—	1	—	—	—	—	3,000	—	—	—	—	—	—	—	—
While repairing track																	2	—	—	—	1	—	1	—	179	—	—	—	168	—	11	—	—
While crossing track																	2	1	—	—	—	1	—	—	6,018	6,000	—	—	—	18	—	—	—
While standing or walking on track																	6	3	—	—	1	—	—	2	18,057	18,000	—	—	51	—	—	6	
Miscellaneous																	26	3	—	3	7	4	5	4	26,033	18,000	—	7,500	394	70	48	21	
<i>Other Causes</i>																																	
Setting or releasing hand brakes																	3	1	—	—	—	—	2	—	6,026	6,000	—	—	—	—	26	—	—
Objects falling from (not in loading or unloading)																	9	—	—	—	2	2	2	3	119	—	—	—	49	39	19	12	
Objects shifting on load																	2	—	—	—	—	—	1	1	17	—	—	—	—	—	14	3	
All other																	36	1	—	—	13	3	4	15	6,765	6,000	—	—	582	62	49	72	
<i>MINE, QUARRY AND TUNNEL CARS</i>																																	
Struck by or caught between																	12	—	—	—	10	1	—	1	2,315	—	—	—	2,296	17	—	2	
All other																	5	—	—	—	5	1	—	1	1,381	—	—	—	1,381	17	—	2	
																	7	—	—	—	—	—	—	—	934	—	—	—	915	—	—	—	
<i>PLANT TRUCKS ON TRACKS</i>																																	
Caught between truck and overhead ob-																	35	1	—	3	19	3	3	6	12,677	6,000	—	5,100	1,472	50	36	19	
struction																	1	—	—	—	—	1	—	—	37	—	—	—	37	—	—	—	—
Caught or struck by rope or chain																	2	—	—	—	1	1	—	—	41	—	—	—	25	16	—	—	—
Caught by car or load in dumping																	1	—	—	—	—	1	—	—	41	—	—	—	41	—	—	—	—
Collisions																	2	—	—	—	2	—	—	—	69	—	—	—	69	—	—	—	—
Derailments																	3	1	—	1	1	—	—	—	7,926	6,000	—	1,800	126	—	—	—	—
Falls from riding on tail chain																	1	—	—	—	1	1	—	—	87	—	—	—	87	—	—	—	—
Getting on or off																	2	—	—	—	—	—	1	—	249	—	—	—	240	—	9	—	—
Lifting or pushing car																	4	—	—	—	2	1	1	1	191	—	—	—	173	16	—	2	—
Struck by or caught between while coupling or switching																	4	—	—	1	2	—	—	—	584	—	—	300	280	—	—	4	—
Struck by, all other																	11	—	—	1	5	—	1	4	3,294	—	—	3,000	268	—	13	13	—
Struck, or caught between																	4	—	—	—	2	1	1	—	158	—	—	—	126	18	14	—	—







TABLE X.—*Causes of Injuries, by Extent of Disability, etc.—Continued*

CAUSES	NUMBER OF TABULATABLE INJURIES					DAYS LOST DUE TO —										
	Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES			Total	Deaths	Permanent Total Disabilities	Permanent Partial Disabilities	TEMPORARY DISABILITIES				
					Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks					7 Days and under	Over 3 Weeks	2 to 3 Weeks	1 to 2 Weeks	7 Days and under
<b>Explosions, Electricity, Fires and Hot Substances—Con.</b>																
Hot surfaces, contact with . . .	110	2	—	—	25	18	15	50	13,940	12,000	—	—	1,225	319	189	207
Hot water . . .	166	2	—	—	55	30	27	52	16,007	12,000	—	—	2,944	525	314	224
Metal, not molten, handling of . . .	6	—	—	—	3	3	—	—	141	—	—	—	82	59	—	—
Molten metal, explosions of . . .	3	—	—	—	1	—	2	—	—	—	—	—	35	—	24	—
Molten metal, at furnace or cupola . . .	5	—	—	—	4	—	—	1	115	—	—	—	109	—	—	6
Molten metal, pouring . . .	37	—	—	—	16	5	9	7	1,736	—	—	—	1,520	89	98	29
Molten metal or slag, all other . . .	51	—	—	—	23	5	5	18	1,331	—	—	—	1,087	95	60	89
Oxyacetylene or electric cutting and welding . . .	31	1	1	1	7	4	1	17	6,794	6,000	300	—	324	80	10	80
Radiant heat from incandescent metal . . .	6	—	—	—	2	—	2	—	111	—	—	—	76	—	26	9
Other hot liquids . . .	147	—	—	—	49	35	26	37	3,791	—	—	—	2,625	718	296	152
Other hot objects . . .	35	—	—	—	9	12	5	9	748	—	—	—	437	214	66	31
Sand, ashes, clinders, grease, fat, flying particles . . .	108	1	—	1	37	17	16	36	8,777	6,000	300	—	1,830	315	171	161
Acids . . .	158	—	—	3	39	28	23	65	8,547	—	5,400	—	2,072	515	274	286
All other . . .	151	1	—	1	42	18	24	65	11,111	6,000	1,800	—	2,420	330	277	284
<b>Falls of Persons</b>	<b>6,534</b>	<b>38</b>	<b>2</b>	<b>48</b>	<b>3,040</b>	<b>713</b>	<b>743</b>	<b>1,950</b>	<b>583,777</b>	<b>228,000</b>	<b>12,000</b>	<b>76,500</b>	<b>237,097</b>	<b>12,966</b>	<b>8,559</b>	<b>8,655</b>
<b>FROM ELEVATORS</b>																
Benches, boxes, chairs and tables . . .	179	—	—	1	80	19	18	61	10,563	—	—	3,000	6,783	356	201	273
Boilers, engines and machines . . .	56	—	—	1	29	4	7	15	5,277	—	—	3,000	2,050	73	78	76
Bridges, dais and docks (not in construction or demolition) . . .	5	2	—	—	3	—	—	—	12,295	12,000	—	—	295	—	—	—
Buildings in construction or demolition not elsewhere specified . . .	16	—	—	—	11	4	1	—	1,517	—	—	—	1,435	72	10	—
Cranes, derricks, elevators and hoists in erecting or rigging . . .	3	—	—	—	2	—	1	—	390	—	—	—	376	—	14	—
Elevated bins, pockets and tanks . . .	8	—	—	—	5	—	2	1	694	—	—	—	668	—	23	3
Floors, temporary . . .	4	—	—	—	2	—	—	2	66	—	—	—	58	—	—	8
Gangplanks . . .	1	—	—	—	1	—	—	—	250	—	—	—	250	—	—	—
<b>Ladders</b>																
Breaking of ladder or parts . . .	50	—	—	1	26	5	3	15	5,818	—	—	2,400	3,228	94	37	59

Shipping, twisting or fall of ladder	182	-	-	3	101	19	18	41	15,368	-	-	3,900	10,718	363	212	175
Knocked off ladder	7	-	-	-	4	2	25	1	724	-	-	-	688	33	-	3
All other	288	-	-	2	162	33	23	63	33,450	18,000	-	2,400	11,873	610	279	288
Loading platforms	69	1	-	-	23	9	9	27	7,605	6,000	-	-	1,239	154	101	111
Piles	57	-	-	1	33	3	3	17	5,329	-	-	2,400	2,756	59	36	78
Poles and trees	29	1	-	2	14	3	2	7	13,403	6,000	-	6,300	988	55	23	37
Roofs	24	1	-	-	14	-	4	2	14,185	6,000	-	6,600	1,529	-	51	5
Runways, balconies and platforms, not loading platforms	82	2	-	-	41	14	4	21	17,157	12,000	-	-	4,754	249	54	100
<i>Scaffolds and Stagings</i>																
Breaking or slipping	54	-	-	2	35	7	2	8	7,331	-	-	2,400	4,758	121	16	36
Breaking of tackle or support	16	1	-	-	9	-	3	3	6,877	6,000	-	-	827	-	36	14
Tilting of scaffold	18	2	-	-	3	-	1	2	371	-	-	-	365	-	6	6
Tilting or falling of loose plank	82	4	-	-	12	10	8	12	14,128	12,000	-	-	2,106	-	12	10
All other	1,207	5	2	10	47	153	142	388	32,764	24,000	-	3,000	5,442	181	94	47
Stairs and steps	1	-	-	-	507	-	-	-	98,914	30,000	12,000	13,800	36,998	2,787	1,621	1,708
Tramways and trestles	1	-	-	-	1	-	-	-	81	-	-	-	81	-	-	-
Windows and wall openings	21	3	-	-	11	1	2	3	21,681	18,000	-	2,400	1,225	15	25	16
All other	118	4	-	1	58	14	13	28	34,735	24,000	-	3,000	7,214	252	152	117
<i>INTO EXCAVATIONS, PITS AND SHAFTS</i>																
Bins and vats, containing hot or corrosive substances	8	2	-	-	4	-	2	-	12,174	12,000	-	-	152	-	22	-
Bins and vats, all other	17	-	-	-	12	2	1	2	494	-	-	-	428	40	14	12
Floor openings (not elevator shafts)	81	1	-	-	36	14	6	23	13,219	6,000	-	1,800	4,985	255	71	108
Manholes	11	-	-	-	7	1	-	3	622	-	-	-	594	16	-	12
Excavations	86	1	-	-	35	15	12	22	11,397	6,000	-	1,800	3,074	288	145	90
<i>ON LEVEL</i>																
Shipping	2,044	3	-	7	955	198	258	623	104,133	18,000	-	12,000	64,809	3,564	2,963	2,797
Stumbling over fixed objects	141	-	-	2	75	21	14	29	8,780	-	-	1,800	6,282	391	168	139
Stumbling over loose objects	483	1	-	-	206	52	43	181	22,759	6,000	-	-	14,518	944	502	795
All other	599	-	-	6	233	63	80	217	22,013	-	-	3,900	15,105	1,141	910	957
Shipping on wet floors	482	1	-	2	243	47	59	130	27,213	6,000	-	600	18,496	853	689	575
<i>Stepping on, or Striking against</i>																
Stepping on, or Striking against	2,036	9	-	14	611	241	289	872	120,529	54,000	-	21,600	33,634	4,341	3,377	3,577
<i>STEPPING ON OBJECTS</i>																
Nails	473	1	-	-	66	57	75	274	11,540	6,000	-	-	2,558	995	858	1,129
All other sharp objects	65	-	-	2	11	7	9	36	4,003	-	-	3,300	332	123	104	144
<i>STRIKING AGAINST OBJECTS</i>																
Fellow employees	30	-	-	-	10	2	5	13	1,114	-	-	-	960	32	61	61
Nails	157	-	-	1	39	19	27	71	2,899	-	-	-	1,674	349	314	262
Other fixed objects	436	5	-	4	165	45	47	170	47,400	30,000	-	-	10,841	823	538	678
Splinters or sharp projections from walls or structures	122	3	-	1	42	13	23	40	21,117	18,000	-	300	2,159	232	277	149
All other objects	753	-	-	6	278	98	103	268	32,456	-	-	13,200	15,110	1,787	1,205	1,154





# INTO EXCAVATIONS

Ditches and trenches	43	-	-	-	15	4	11	13	1,129	-	-	-	868	74	136	51
Other excavations (not tunnels, mines or quarries)	15	-	-	-	7	2	2	4	852	-	-	-	774	38	24	16
CAVE-INS (NOT MINES OR QUARRIES)																
Ditches and trenches	49	1	-	1	33	6	2	6	10,906	6,000	-	1,200	3,543	111	24	28
Tunnels	1	-	-	-	1	1	-	-	42	-	-	-	42	-	-	-
Other excavations	17	2	-	-	11	1	1	2	12,995	12,000	-	-	951	20	12	12
Falling objects inside mines and quarries	7	-	-	-	2	1	1	3	112	-	-	-	71	20	9	12
<b>Handling of Objects</b>	<b>10,226</b>	<b>21</b>	<b>1</b>	<b>102</b>	<b>4,199</b>	<b>1,350</b>	<b>1,291</b>	<b>3,262</b>	<b>496,749</b>	<b>126,000</b>	<b>6,000</b>	<b>62,850</b>	<b>247,853</b>	<b>24,608</b>	<b>15,032</b>	<b>14,406</b>
HEAVY OBJECTS																
Caught between object handled and other object	840	1	-	29	338	104	90	278	37,816	6,000	-	9,900	17,744	1,908	1,088	1,176
Objects dropped	1,111	1	-	7	453	155	135	360	42,346	6,000	-	5,250	25,111	2,819	1,589	1,577
Objects falling from load (while loading or unloading)	269	1	-	3	122	36	31	76	17,347	6,000	-	1,350	8,644	670	359	324
Objects falling from pile (while piling or unpling)	139	1	-	1	63	23	17	34	12,147	6,000	-	1,200	4,163	433	209	142
Objects thrown	109	-	3	3	30	8	14	54	4,256	-	-	2,400	1,308	157	155	236
Strain in handling	3,765	9	1	7	1,919	434	430	965	212,702	54,000	6,000	6,900	128,243	7,953	5,017	4,589
Handled	795	1	-	5	286	105	105	293	26,468	6,000	-	2,250	13,840	1,882	1,194	1,302
SHARP OR ROUGH OBJECTS																
Bones	108	-	-	1	30	20	13	44	2,706	-	-	300	1,714	361	143	188
Castings	8	-	-	1	2	2	-	3	389	-	-	300	48	32	-	9
Glass	322	1	-	7	68	57	63	126	18,740	6,000	-	7,200	3,316	1,026	705	493
Protruding nails in objects handled	237	-	-	7	64	44	36	86	10,135	-	-	5,400	3,159	797	405	374
Protruding wires	176	1	-	4	51	25	22	73	14,357	6,000	-	5,400	1,905	456	267	329
Sheet metal and sheet metal objects	196	1	-	8	61	31	28	67	14,501	6,000	-	3,300	4,042	566	338	255
Shivers, metal	179	-	-	4	57	26	25	25	4,967	-	-	1,500	2,435	468	292	272
Shivers, wood	442	3	-	6	135	59	63	176	31,830	18,000	-	4,800	6,549	1,066	735	680
All other	611	1	-	1	145	100	99	265	15,922	6,000	-	300	5,540	1,795	1,120	1,167
HAND TRUCKS, CARTS AND WHEEL-BARROWS																
Caught between truck and other object	96	-	-	3	37	13	17	26	3,765	-	-	900	2,321	231	197	116
Object falling from, not in loading or unloading	69	-	-	-	31	6	12	20	2,014	-	-	-	1,646	112	155	101
Overturning	50	-	-	-	24	5	7	14	1,714	-	-	-	1,491	92	83	48
Struck by truck handled by injured person	263	-	-	1	102	36	31	93	7,006	-	-	600	4,979	667	352	408
Struck by truck handled by co-worker	76	-	-	-	26	9	11	30	1,725	-	-	-	1,293	165	131	136
All other	365	-	-	4	155	52	42	112	13,896	-	-	3,600	8,362	952	498	484
<b>Hand Tools</b>	<b>2,522</b>	<b>3</b>	<b>-</b>	<b>45</b>	<b>702</b>	<b>368</b>	<b>366</b>	<b>1,038</b>	<b>119,998</b>	<b>18,000</b>	<b>-</b>	<b>48,000</b>	<b>38,918</b>	<b>6,660</b>	<b>4,249</b>	<b>4,171</b>
IN HANDS OF INJURED WORKER																
Breaking or coming apart of tool	35	-	-	-	11	4	6	14	1,217	-	-	-	1,010	83	65	59
Flying particles set in motion by tool, not specified	99	-	-	3	19	8	13	56	6,877	-	-	5,400	966	143	141	227









TABLE XII.—Study showing Condition of Dependents in Uninsured Fatal Cases, July 1, 1933, to June 30, 1934

Industries	Occupations	Age	Wage	Amount payable in Analogous Cases	Dependents	Settlement	Financial Condition
Professional	Painter	37	\$33 00	\$6,400 00	Widow and six children	\$6,200 00	Widow is being paid twenty-five dollars (\$25.00) a week until six thousand two hundred (\$6,200) has been paid.
Steam railroad	Trackman	32	12 68	250 00	None	1,000 00	No further information available.
Steam railroad	Freight brakeman	41	33 00	6,400 00	Widow and five children	None	No further information available.
Steam railroad	Brakeman	41	35 00	4,000 00	Widow	Suit pending	No further information available. Financial condition fair.
Steam railroad	Locomotive fireman	48	26 49	4,000 00	Widow	Suit pending	Poor financial condition.
Steam railroad	Crane operator	37	32 40	6,400 00	Widow and four children	Suit pending	Very poor financial condition.
Building cleaning and maintenance	Cleaner	56	9 77	5,600 00	Widow and two children	Suit pending	Poor financial circumstances
Steam railroad	Brakeman	42	32 50	5,600 00	Widow and five children	Suit pending	Employer has offered three thousand dollars (\$3,000 00) which was refused by widow.
Steam railroad	Car inspector	68	32 04	4,000 00	Widow	Suit pending	Very poor financial condition.
Milk and egg dealer	Manager	28	18 00	5,600 00	Widow and two children	None	Very poor financial condition.
Manufacturing goods	Fireman's assistant	48	21 95	4,000 00	Two children	\$3,000 00	Very poor financial circumstances.
Steam railroad	Assistant yardmaster	65	39 92	4,000 00	Widow	None	Very good financial condition.
Harvesting ice	Laborer	23	30 00	250 00	None	None	Single man, no dependents.
Cotton yarn manufacturing	Overseer	49	30 80	5,600 00	Widow and two children	\$2,000 00	Fair financial condition.
Express	Car sorter and loader	52	29 75	4,800 00	Widow and one child	5,600 00	Good financial condition.
Steam railroad	Foreman	42	35 00	5,600 00	Widow and two children	2,500 00	Fair financial condition.
Steam railroad	Crossing tender	61	15 00	4,000 00	One child	None	Suit for twenty-five thousand dollars (\$25,000.00) pending. Financial condition good.
Steam railroad	Freight conductor	65	35 00	4,000 00	Widow	600 00	Good financial condition.
Taxi service	Taxi driver	45	21 00	6,400 00	Widow and three children	None	Fair financial circumstances.
Steam railroad	Section laborer	26	8 64	250 00	None	None	Single man, no dependents.
Granite quarrying	Crane operator	33	22 00	5,600 00	Widow and two children	Suit pending	Very poor financial condition.
Furniture mover	Helper	54	18 00	4,000 00	Widow	Suit pending	Very poor financial condition. On welfare.

TABLE XIII.—*Conjugal Condition and Dependency in Cases of Fatal Injuries, July 1, 1933, to June 30, 1934*

INDUSTRIES	CONJUGAL CONDITION				DEPENDENCY		
	Single	Married	Widowed	Divorced	NUMBER OF CASES		NUMBER OF PERSONS
					Whole De- pendency	Partial De- pendency	Whole De- pendents
<b>Agriculture, Forestry and Animal Husbandry</b>	2	1	-	-	2	-	4
Agriculture . . . . .	1	1	-	-	2	-	4
Ice harvesting . . . . .	1	-	-	-	-	-	-
<b>Extraction of Minerals</b>	-	2	-	-	2	-	2
Quarrying . . . . .	-	2	-	-	-	-	2
<b>Building Trades</b>	-	13	1	1	14	1	37
Hand trades . . . . .	-	4	1	1	5	1	15
Carpenter . . . . .	-	6	-	-	6	-	11
Mason . . . . .	-	2	-	-	2	-	4
Plumber . . . . .	-	1	-	-	1	-	7
<b>Chemical and Allied Products</b>	1	3	-	-	3	-	12
Paints, varnish, japanning . . . . .	-	1	-	-	1	-	1
Other chemical workers . . . . .	1	2	-	-	2	-	11
<b>Clay, Glass and Stone Products</b>	1	4	-	-	4	-	8
Glass makers, workers . . . . .	1	1	-	-	1	-	3
Marble and stone cutters . . . . .	1	3	-	-	3	-	5
<b>Clothing</b>	1	1	-	-	1	1	4
Clothing makers . . . . .	1	1	-	-	1	1	4
<b>Food and Kindred Products</b>	-	6	-	-	6	-	22
Bakeries, bread and other bakery products . . . . .	-	1	-	-	1	-	7
Candy, confectionery . . . . .	-	2	-	-	2	-	8
Fish curers and packers . . . . .	-	1	-	-	1	-	5
Slaughtering and packing houses . . . . .	-	1	-	-	1	-	1
Other food preparers . . . . .	-	1	-	-	1	-	1
<b>Iron and Steel and Their Products</b>	2	11	1	-	11	2	24
Foundries and metal working, tools . . . . .	-	4	1	-	4	-	6
Ship and boat building . . . . .	-	1	1	-	1	-	1
Other iron and steel workers . . . . .	2	6	-	-	6	2	17
<b>Leather and Its Finished Products</b>	-	4	1	-	4	-	8
Shoes . . . . .	-	3	-	-	3	-	5
Tanneries . . . . .	-	1	1	-	1	-	3
<b>Liquors and Beverages</b>	-	1	-	-	1	-	1
Breweries . . . . .	-	1	-	-	1	-	1
<b>Lumber and Its Re-manufacture</b>	1	3	1	-	3	-	5
Box makers (wood) . . . . .	-	1	-	-	1	-	2
Saw and planing mills . . . . .	-	1	-	-	1	-	1
Other wood workers . . . . .	1	1	1	-	1	-	2
<b>Metals and Metal Products Other Than Iron and Steel</b>	1	2	-	-	2	1	2
Brass mills . . . . .	-	1	-	-	1	-	1
Jewelry factories . . . . .	1	1	-	-	1	1	1









TABLE XV.—Specific Injury Cases, by Cause of Injury, July 1, 1933, to June 30, 1934

CAUSES	Both Hands	One Eye	Left or Minor Hand or Arm	One Foot or Leg	Two or More Fingers	Two or More Toes on	One Finger or Thumb on Left Hand or Middle, Ring, Index or Little Finger on Right Hand	Right or Major Thumb at First Joint and One or More Fingers	One Toe	One Finger or Thumb on One Hand and One Finger or Thumb on Other	Right or Major Hand or Arm	Right or Major Thumb at or Above Second Joint	Right or Major Index Finger at or Above Second Joint	Right Thumb, One Phalanx Lost	Two or More Joints on Right Index Finger, and One or More Fingers on Same Hand	Right or Major Thumb at First Joint and Right or Major Index Finger at Second Joint	Total
Point of Operation . . . . .	1	6	8	1	46d	—	276	2	—	2	12	5	11	10	4	1	385
Prime movers . . . . .	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	1
Power transmission . . . . .	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	1
Engineering and contracting . . . . .	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Chemical . . . . .	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	2
Clay, glass, stone . . . . .	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	3
Clothing . . . . .	—	—	—	—	—	—	19	—	—	—	—	—	—	—	—	—	3
Food . . . . .	—	—	—	—	3e	—	91	—	—	—	—	—	—	—	—	—	24
Metal working . . . . .	—	5	2	—	8	—	26	1	—	1	1	—	—	—	—	—	119
Leather . . . . .	—	—	—	—	6e	—	59	—	—	—	—	—	—	—	—	—	39
Wood working . . . . .	—	1	1	—	10	—	9	—	—	—	1	—	—	—	—	—	80
Paper . . . . .	—	—	—	1	3	—	10	—	—	—	1	—	—	—	—	—	14
Printing and bookbinding . . . . .	—	—	—	—	3	—	32	—	—	—	4	—	—	—	—	—	15
Textile . . . . .	—	—	2	—	10f	—	15	1	—	—	—	—	2	—	—	—	52
Rubber . . . . .	—	—	3	—	2	—	4	—	—	—	—	—	1	—	—	—	26
Other . . . . .	1	—	—	—	—	—	7	—	—	—	—	—	—	—	—	—	4
Hoisting apparatus . . . . .	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Belts . . . . .	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Food . . . . .	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Leather . . . . .	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Wood working . . . . .	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	1
Textile . . . . .	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	5
Miscellaneous . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Hoisting apparatus . . . . .	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Flywheels . . . . .	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Paper . . . . .	—	—	—	—	—	—	31	—	—	—	—	—	2	—	—	—	43
Gears . . . . .	—	—	—	—	5	—	—	1	—	—	—	—	—	—	—	—	1
Prime movers . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and contracting . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food . . . . .	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	2
Metal working . . . . .	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	3
Leather . . . . .	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	2
Wood working . . . . .	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Paper . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Printing and bookbinding . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1

Textile	.	.	.	.	.	.	.	.	.	21	.	.	.	.	.	1	.	.	.	24
Rubber	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	1	.	.	.	2
Laundry	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1
Hoisting apparatus	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	5	1	.	.	75
Miscellaneous	.	.	.	.	.	.	.	.	.	46	2	.	.	.	.	.	.	.	.	1
Farm	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	3
Engineering and contracting	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
Clay, glass, stone	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
Food	.	.	.	.	.	.	.	.	.	11	.	.	.	.	.	1	1	.	.	18
Metal working	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
Leather	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
Wood working	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	1	1	.	.	3
Paper	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	1
Printing and bookbinding	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
Textile	.	.	.	.	.	.	.	.	.	12	.	.	.	.	.	1	.	.	.	15
Rubber	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	2
Miscellaneous	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Other	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	2
Hoisting apparatus	.	.	.	.	.	.	.	.	.	12	.	.	.	.	.	1	2	.	.	19
Machinery, total	.	.	.	.	.	.	.	.	.	361	3	2	13	10	18	5	4	.	.	514
Vehicles	.	.	.	.	.	.	.	.	.	8	.	.	.	.	.	1	.	.	.	25
Fires, explosions, etc.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	13
Falls of persons	.	.	.	.	.	.	.	.	.	9	.	.	.	.	.	.	.	.	.	15
Stepping, etc.	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	.	.	.	.	13
Falling objects, etc.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	5
Falling objects	.	.	.	.	.	.	.	.	.	68	.	.	.	.	.	.	.	.	.	92
Handling objects	.	.	.	.	.	.	.	.	.	16	.	.	.	.	.	3	.	.	.	43
Hand tools	.	.	.	.	.	.	.	.	.	23a	.	.	.	.	.	.	.	.	.	34
Miscellaneous	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
<b>Grand Total</b>	.	.	.	.	.	.	.	.	.	<b>496a</b>	<b>3</b>	<b>13</b>	<b>2</b>	<b>20</b>	<b>12</b>	<b>26</b>	<b>15</b>	<b>11</b>	<b>5</b>	<b>754</b>

*a* These numbers include one case of amputation of one finger or thumb and one toe.

*b* These numbers include one case of amputation of two or more fingers or thumbs and fingers on both hands; and two cases of amputation of right thumb and index finger, two phalanges; and two cases of amputation of right thumb and one or more fingers, two phalanges.

*c* These numbers include one case of amputation of all toes on one foot and one toe on left foot, one finger on left hand and one finger on right hand.

*d* This number includes two cases of amputation of right thumb and index finger, two phalanges, and one case of amputation of right thumb and one or more fingers, two phalanges.

*e* These numbers include one case of amputation of right thumb and index finger, two phalanges.

*f* These numbers include one case of amputation of right thumb and one or more fingers, two phalanges.

*g* This number includes two cases of amputation of right thumb and index finger, two phalanges; and two cases of amputation of right thumb and one or more fingers, two phalanges.

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